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July 22, 2015

Ms. Jeannette DeBartolomeo  
Maryland Department of Environment  
Oil Control Program  
1800 Washington Blvd., Suite 620  
Baltimore, Maryland 21230-1719

AECOM Project: 60144763

**Subject: Second Quarter 2015 Monitoring and Sampling Report**

7-Eleven Store No. 22281  
2400 Pleasantville Road  
Fallston, Maryland  
Facility ID No. 0006365  
MDE Case No. 2005-0120HA

Dear Ms. DeBartolomeo:

On behalf of 7-Eleven, Inc. (7-Eleven), AECOM Environment (AECOM) is submitting a quarterly monitoring and sampling report for the above-referenced site. This report provides a summary of the site activities performed during the months of April through June 2015. Specific tasks associated with this quarter's activities included the quarterly monitoring well gauging and groundwater sampling event, which occurred on June 23, 2015.

Per MDE's April 14, 2015, directive letter, AECOM will continue the natural attenuation parameter analysis initiated per their December 10, 2013 directive letter. Further, monitoring wells MW-1A, MW-5, and MW-7 will be gauged and sampled on an annual basis. The remaining eleven monitoring wells will continue to be gauged, sampled and analyzed for VOCs, TPH-GRO and natural attenuation parameters on a quarterly basis. The on-site drinking water supply well will be sampled annually, and sampling of the potable well at 2414 Pleasantville Road will be discontinued. Although MDE approved removal of the on-site potable carbon treatment system, 7-Eleven has opted to keep the treatment system in place as a precautionary measure.

Per MDE's June 16, 2015 directive letter, MDE approved the installation of an off-site bed rock monitoring well (MW-8C) as proposed in the *Additional Well Installation Work Plan dated May 21, 2015*. Monitoring well, MW-8C will be installed off-site adjacent to monitoring wells MW-8A and MW-8B pending off-site access agreements. During installation, AECOM will conduct a geophysical analysis utilizing heat-pulse flow meter, 3-arm caliper, spontaneous potential, single-point resistivity, and acoustic televiewer. In addition, AECOM will collect groundwater samples at pertinent fracture intervals during the geophysical testing.

If you have any questions, please contact the undersigned at (301) 289-3900.

Yours sincerely,



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cc: Harford County Health Department  
7-Eleven Project File

Attachments:

Table 1 – Monitoring Well Water Table Elevation

Table 2 – Monitoring Well Groundwater Analytical Results

Table 3 – On-Site Potable Well Analytical Results

Figure 1 – Site Plan

Figure 2 – Groundwater Elevation Map

Figure 3 – Groundwater Concentrations

Attachment A – Laboratory Analytical Results (Groundwater)

Attachment B – Laboratory Analytical Results (On-Site Potable Well)

Attachment C – Natural Attenuation Parameters and Dissolved Hydrocarbon  
Concentrations Trend Graphs

**SAMPLING AND MONITORING REPORT- SECOND QUARTER 2015**

**7-ELEVEN STORE No. 22281  
2400 Pleasantville Road  
Fallston, Maryland  
MDE Case No. 2005-0120 HA  
AECOM Project No. 60144763  
July 2015**

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**AECOM Contacts:**

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**7-Eleven, Inc. Contact:**

Jose Rios, Manager Environmental Services

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**CURRENT SITE STATUS**

- The site is an active 7-Eleven convenience store and retail gasoline station.
  - Twelve monitoring wells are located on the site and two monitoring wells are located off-site. The wells are gauged and sampled quarterly (**Figure 1**).
  - The 7-Eleven store has a potable well with a point-of-entry treatment (POET) system. An independent contractor samples and maintains the treatment system and the results are presented to the MDE by AECOM.
  - Per the April 14, 2015 MDE directive letter, annual sampling of the potable well located at 2414 Pleasantville Road has been discontinued.
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**SITE HISTORY**

- In 1981, three 12,000-gallon steel, single-walled, cathodically protected USTs were installed at the site.
- In 1991, a carbon filtration point-of-entry (POET) system was installed at the 7-Eleven facility due to concentrations of methyl tertiary-butyl ether (MTBE) above the MDE guideline of 20 micrograms-per-liter ( $\mu\text{g/l}$ ) in water samples collected from the well.
- On July 30, 2004, MDE conducted a compliance inspection of the 7-Eleven facility. During this inspection, MDE reported to 7-Eleven that petroleum hydrocarbon vapors were detected in the tankfield sumps.
- On August 9, 2004, ENSR, on behalf of 7-Eleven, performed a one-hour hydrostatic test on the regular, mid-grade and premium gasoline UST submersible turbine pump (STP) containment sumps and conducted a general area survey to determine the source of petroleum vapors reported by MDE. The STP sumps tested tight. During ENSR's investigation, one observation well was discovered in the grass area immediately adjacent to the tank field. No liquid-phase hydrocarbons (LPH) or petroleum hydrocarbon vapors were detected in the well. Test results were submitted to MDE on August 11, 2004.

- In August 2004, at the request of the Harford County Health Department (HCHD) the POET system at the 7-Eleven facility was upgraded to ensure MTBE concentrations remain below laboratory detection limits in the treated potable water. The system is currently in use at the site.
- On September 7, 2004, MDE requested evaluation of the site environmental conditions as part of the MDE investigation of all potential petroleum sources impacting drinking water wells within the Pleasantville area of Harford County.
- On September 27, 2004, ENSR, on behalf of 7-Eleven, submitted a limited hydrogeologic investigation work plan to MDE. On November 18, 2004, MDE issued ENSR approval to proceed after expanding the scope of the initial work plan.
- From September 2004 to November 2004 a Praxair tracer test was conducted at the site. Minor leaks in various tank top equipment such as Stage I vapor recovery adaptors/caps were identified and corrected as well as a repair to a vent line that was damaged during testing by Praxair. Testing of the product line secondary containment could not be conducted because the lines were not compatible with the Praxair test. 7-Eleven replaced the primary product piping at the facility with secondary contained Environ piping material. The tank system passed the Praxair test with only minor vapor leaks that were repaired and no indication of any liquid leak from the UST system.
- On January 10 through 12, 2005, ENSR, on behalf of 7-Eleven, installed thirteen temporary groundwater monitoring points at the site, which were sampled on February 21, 2005.
- On March 1, 2005, ENSR submitted a Subsurface Investigation Findings Report to the MDE documenting the February 21, 2005 groundwater sampling event. Based on the analytical data and the groundwater flow direction, it appeared that dissolved-phase MTBE was mostly concentrated in the immediate vicinity of the tank field and on the eastern side of the pump island, with migration of moderate levels of MTBE to the northwest. No LPH had been detected. Other than surrounding businesses, of which none appeared to be directly down-gradient of the MTBE migration, no potable wells were identified within 500 feet down-gradient of the site.
- On June 17, 2005, at the request of the MDE, ENSR submitted a Subsurface Investigation Work Plan addressing the installation of groundwater monitoring wells at the site based on the analytical results of the February 21, 2005 groundwater sampling event.
- On July 5 and 6, 2005, with MDE approval, ENSR installed eight groundwater monitoring wells at the site.
- On August 15, 2005, ENSR submitted a Monitoring Well Installation and Observation Report summarizing the site activities associated with the monitoring well installation and subsequent groundwater sampling event conducted in July 2005.
- On November 17, 2005, ENSR submitted a Supplemental Groundwater Investigation Work Plan which proposed the installation of three additional shallow temporary monitoring points and four additional deep monitoring wells to complete the delineation of the subsurface petroleum hydrocarbon impact.
- On December 19, 2005, ENSR installed three temporary monitoring points for horizontal delineation and abandoned the thirteen temporary monitoring points installed in January 2005.
- December 20, 2005, ENSR collected groundwater samples from and subsequently abandoned the three temporary groundwater monitoring points.

- On January 3-5, 2006, ENSR installed a deep monitoring well in the vicinity of monitoring well MW-3A and in the vicinity of monitoring well MW-4A for vertical delineation.
- On March 16, 2006, ENSR submitted a Monitoring Well Installation and Observation Report summarizing the site activities associated with the installation of two monitoring wells for vertical delineation. Groundwater samples collected from the newly installed monitoring wells MW-3B and MW-4B did not report any concentrations of VOCs TPH DRO/GRO above the laboratory detection limits except MTBE in monitoring well MW-4B at 16 ug/l.
- On March 14, 2006, ENSR discussed the content of the Corrective Action Plan (CAP) and testing with MDE. MDE approved the submittal of a Corrective Action Evaluation Plan (CAEP) to include protocols for pilot test activities to evaluate the remediation strategy of the site.
- On April 13, 2006, ENSR submitted a CAEP as agreed upon with the MDE. The CAEP included plans for the feasibility testing of groundwater pump and treat, soil vapor extraction and bioremediation as possible remediation strategies.
- On July 12, 2006 ENSR conducted a 9 hour pumping test on monitoring well MW-4A as discussed in the CAEP.
- On July 30, 2006 bioremediation bench scale studies were conducted by Enzyme Technologies, Inc. to determine the effectiveness of bio-augmentation or bio-stimulation applications for the degradation of petroleum hydrocarbons, including MTBE.
- On August 30, 2006 a soil vapor extraction test was conducted in accordance with CAEP approved protocols.
- On November 7, 2006 ENSR submitted a work plan to the MDE for the Membrane Interface Probe (MIP) investigation and additional monitoring well installation. The work plan was approved by MDE on November 29, 2006.
- On November 27, 2006 ENSR began a long-term SVE test on SVE points SVE-1, SVE-2, SVE-3 and monitoring well MW-4A.
- On January 16 and 17, 2007 ENSR installed nine MIP borings.
- On January 29, 2007 ENSR submitted a SCM.
- On January 31, 2007 ENSR submitted a work plan for additional groundwater extraction testing.
- ENSR installed an off-site monitoring well (MW-8) on March 21, 2007.
- On March 22, 2007 ENSR submitted a report detailing the results of the MIP investigation and a report detailing the preliminary results from the long-term SVE test under separate covers.
- On August 27, 2007 ENSR submitted a work plan for subsurface pilot testing for the injection of bio-remediation products.
- ENSR installed one off-site monitoring well (MW-8B) on October 2, 2007.
- On February 4, 2008 ENSR submitted a revised bio-injection Work Plan as requested by MDE.
- On April 23, 2008 MDE approved the revised bio-injection Work Plan.

- On September 2, 2008 eight geoprobe points were installed to characterize soils in the proposed new tank field area.
- The SVE system was discontinued on September 8, 2008 with approval from MDE prior to the excavation of the former tank field.
- On October 8 and 9, 2008 AECOM observed the removal of three USTs and associated product piping. In addition 622.59 tons of soil was removed from the site. Observation well HW-1 was destroyed.
- On November 14, 2008, AECOM began field bio-augmentation testing which continued through April 2009.
- On December 2, 2008 AECOM submitted a Tank Closure Report to the MDE.
- On July 29, 2009 AECOM submitted a Bio-Augmentation Pilot Test Report to the MDE.
- On December 23, 2009, AECOM attempted a second semi-annual sampling of the potable well located at 2414 Pleasantville Road per the MDE directive letter dated March 5, 2009. Upon arrival, however, it was determined that the business had been vacated, and the building was no longer in use. AECOM will sample the Dental Technology property as it is connected to the same potable well.
- On January 20-21, 2010, AECOM completed installation and surveying of two additional shallow groundwater monitoring wells on-site and conducted a half-mile radius potable well search.
- On February 18, 2010, AECOM sampled the potable well located at the adjacent Dental Technology property.
- The well installation and potable well sampling were detailed in the Monthly Progress Report, dated March 5, 2010, and the Potable Well Survey Report, dated February 25, 2010.
- On March 25, 2010, AECOM submitted a Lineament Analysis Report to MDE per their December 29, 2009, directive letter.
- On September 17, 2010, AECOM submitted an Additional Well Installation Work Plan, recommending installation of three additional monitoring wells within the vicinity of HW-3, MW-4A, MW-9, and MW-10.
- On December 20 and 21, 2010, AECOM installed monitoring wells MW-11 through MW-13.
- In June 2011, AECOM completed the bioremediation pilot testing.
- On June 30, 2011, AECOM submitted a revised CAP, recommending installation of an additional four injection/ISOC points based on the results of the bio-augmentation pilot study.
- On March 6, 2012, MDE approved the Bio-Augmentation Work Plan, including the installation of two trenches and a nine month bio-augmentation testing period.
- On August 20, 2012, AECOM and Odyssey Construction completed the installation of the two bio-injection trenches and began the nine-month testing period on September 12, 2012.
- On June 6, 2013, AECOM concluded the nine month bio-augmentation testing period.

- On August 22, 2013, AECOM submitted a Bio-Augmentation Pilot Test Report, which included a request to extend the bio-augmentation feasibility test for an additional nine month period.
- On September 20, 2013, AECOM submitted a revised Site Conceptual Model (SCM), which reflected the updated pilot testing and sampling, and addressed the environmental issues at and around the subject property.
- On November 7, 2013, AECOM submitted a Revised Bio-Injection Testing Request for the use of Regenesis Oxygen Release Compound (ORC®) filter socks during the extended bio-augmentation feasibility test. MDE responded in a directive letter dated December 10, 2013 with a request for supplemental clarifications to the recently submitted SCM. Additionally, MDE instructed AECOM to begin quarterly monitoring of natural attenuation parameters.
- AECOM received a directive letter from MDE dated December 10, 2013 that instructed the monitoring of subsurface conditions for dissolved oxygen, nitrogen, sulfur, iron and methane to determine the progress of natural attenuation in the subsurface.
- On February 7, 2014, AECOM submitted a comprehensive remedial evaluation and an evaluation of the stability of the current groundwater contaminant plume in response to the MDE request for supplemental clarifications.
- AECOM received a directive letter from MDE dated May 28, 2014 that approved closure and abandonment of upgradient monitoring wells MW-1B, MW-2, MW-3A, MW-3B and HW-2.
- On June 30, 2014, five monitoring wells (MW-1B, MW-2, MW-3A, MW-3B and HW-2) were abandoned by Eichelbergers, Inc., a Maryland-licensed driller. The Well Abandonment Report was submitted to MDE under separate cover on July 29, 2014.
- AECOM received a directive letter from MDE dated April 14, 2015 updating the monitoring well sampling procedures. MW-1A, MW-5, MW-7, and the on-site water supply well will be gauged and sampled on an annual basis. The remaining 11 onsite monitoring wells will continue to be gauged and sampled on a quarterly basis. Samples will no longer be collected from the offsite water supply well located at 2414 Pleasantville Road.
- On May 21, 2015, AECOM submitted an Additional Well Installation Work Plan to the MDE to install an additional off-site bedrock monitoring well (MW-8C) located adjacent to the existing monitoring wells MW-8A and MW-8B.
- AECOM received a directive letter from MDE dated June 16, 2015 that approved the installation of the off-site monitoring well (MW-8C). A geophysical analysis will be conducted on the bedrock that will include heat-pulse flow meter, 3-arm caliper, spontaneous potential, single resistivity, and acoustic televiewer. In addition, groundwater samples will be collected from pertinent fracture points during geophysical testing.

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#### ACTIVITIES THIS QUARTER

**Monitoring Period:** April through June 2015

**Site Visit(s):** June 23, 2015

**Field Activities:** Groundwater monitoring/groundwater sampling.

<b>Depth-to-Water:</b>	On June 23, 2015 depth-to-water ranged from 8.61 feet below ground surface (bgs) in monitoring well MW-8B to 21.51 feet bgs in well MW-1A. A groundwater elevation map is shown as <b>Figure 2</b> , and historical groundwater elevations are listed in <b>Table 1</b> . Groundwater flow direction (northwest) remains consistent with previous sampling events.
<b>Liquid-Phase Hydrocarbons:</b>	No LPH has ever been observed at the site.
<b>Number of Monitoring Wells/Monitoring Wells Sampled:</b>	Eleven monitoring wells (MW-4A, MW-4B, MW-6, MW-8A, MW-8B, MW-9 through MW-13, and HW-3) were sampled on June 23, 2015. The 7-Eleven potable well was sampled by 7-Eleven's independent contractor on June 17, 2015 ( <b>Table 2</b> , <b>Figure 3</b> and <b>Attachment A</b> ).

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## ANALYTICAL SUMMARY

### Monitoring Wells

Groundwater samples were collected on June 23, 2015 from nine on-site and two off-site monitoring wells. The samples were analyzed for volatile organic compounds (VOCs) including fuel oxygenates and naphthalene by EPA Method 8260B and total petroleum hydrocarbons-gasoline range organics (TPH-GRO) by EPA Method 8015. In addition, the samples were analyzed for dissolved oxygen, nitrogen, sulfur, iron and methane to determine the progress of natural attenuation in the subsurface.

Benzene, toluene, ethylbenzene and xylenes (BTEX) and TPH-GRO concentrations were below the laboratory detection limits (BDL) in all wells sampled. Methyl tert-butyl ether (MTBE), tert-butyl alcohol (TBA) and tert-amyl methyl ether (TAME) were BDL in monitoring well MW-4B. For the remaining wells:

- MTBE concentrations ranged from 3.73 micrograms-per-liter ( $\mu\text{g}/\text{L}$ ) estimated (J) in monitoring well MW-12 to 554  $\mu\text{g}/\text{L}$  in monitoring well MW-9.
- TBA concentrations ranged from BDL in monitoring well MW-8A to 307  $\mu\text{g}/\text{L}$  in monitoring well HW-3.
- TAME concentrations ranged from BDL in monitoring well MW-8A to 17  $\mu\text{g}/\text{L}$  in monitoring well MW-9.

Results of the laboratory analysis are included on **Figure 3**, in **Table 2**, and **Attachment A**.

### Store Potable Well

Potable well sampling for this quarter was conducted on June 17, 2015. Concentrations of BTEX, MTBE, TBA and TAME in the pre-, mid-, and post-treatment samples were below laboratory detection limits in all samples analyzed. Results of the laboratory analysis are summarized in **Table 3** and included in **Attachment B**. Per MDE directive, samples from the on-site potable well will be collected on an annual basis.

### Off-Site Potable Well (2414 Pleasantville Road)

AECOM collected a sample of the potable well located at 2414 Fallston Road on an annual basis. The last sample was collected on December 18, 2014. Based on the MDE letter dated April 14, 2015,

samples are no longer required to be collected from this off-site potable well.

## MONITORING OF NATURAL ATTENUATION PARAMETERS

Groundwater samples were collected on June 23, 2015 from nine on-site and two off-site monitoring wells. The samples were analyzed for methane by EPA Method 8015B, iron and sulfur by EPA Method 6010B, kjeldahl nitrogen by EPA Method 351.2, total nitrite/nitrate nitrogen by EPA Method 353.2, and dissolved oxygen by EPA-approved Method 4500-O to assist in evaluating the progress of natural attenuation in the subsurface.

Methane concentrations ranged from BDL in MW-4A, MW-8B, MW-10, MW-12, MW-13 and HW-3 to 0.0088 ug/l in MW-8A. Iron concentrations ranged from 0.17 mg/L in MW-4B to 98.8 mg/L in MW-11. Sulfur concentrations ranged from 0.36 mg/L in MW-4A to 20 mg/L in HW-3. Kjeldahl nitrogen ranged from BDL in MW-4B, MW-11, MW-12 and HW-3 to 18.8 mg/L in MW-6. Total nitrite/nitrate nitrogen ranged from 0.20 mg/L in HW-3 to 15.4 mg/L in MW-8A. Dissolved oxygen ranged from 0.36 mg/L in MW-8B to 6.82 mg/L in HW-3. Graphs displaying trends of natural attenuation parameters (DO, methane, iron, sulfur, total nitrate/nitrite nitrogen and kjeldahl nitrogen) and dissolved hydrocarbon concentrations (MTBE and TPH-GRO) in each of the monitoring wells are included as **Attachment C**. Results of the laboratory analysis of methane, iron, sulfur, total nitrate/nitrite nitrogen and kjeldahl nitrogen and the field-analyzed concentrations of DO are included in **Table 2**. The laboratory analytical report is included as **Attachment A**.

Over the past six quarterly sampling events the monitoring wells that have exhibited an overall decrease of MTBE and TPH-GRO include MW-4B, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13 and HW-3. Total nitrate/nitrite nitrogen concentrations have remained relatively asymptotic across the quarters. DO concentrations have decreased over the last quarter across the site, likely due to higher seasonal temperatures. A decreasing trend of iron was observed in MW-4A, MW-4B, MW-6, MW-8A, MW-8B, MW-9 and HW-3 while monitoring wells MW-4A, MW-10 through MW-13 showed an increasing trend over the past six quarters. Kjeldahl Nitrogen and Sulfur concentrations have remained stable in MW-4B and MW-10 through MW-13. Kjeldahl Nitrogen has shown a decreasing trend in monitoring wells MW-4A, MW-6, MW-8B, MW-10 and HW-3 with a slight increasing in MW-8A during the most recent sampling event. Sulfur has shown a decreasing trend in monitoring wells MW-4A, MW-6, MW-8A, MW-8B, MW-11 through MW-13 with a slight increase in MW-10 during the most recent sampling event.

Per MDE directive, natural attenuation parameters will continue to be collected from eleven monitoring wells (MW-4A, MW-4B, MW-6, MW-8A, MW-8B, MW-9, MW-10, MW-11, MW-12, MW-13, HW-3) on a quarterly basis, and three monitoring wells (MW-1A, MW-5, and MW-7) on an annual basis..

## ACTIVITIES FOR THIRD QUARTER 2015

- July 2015 No scheduled activities.
- August 2015 Access procurement for installation of off-site monitoring well MW-8C in the DOT right-of-way.
- September 2015 Quarterly groundwater monitoring and sampling of 11 (MW-4A, MW-4B, MW-6, MW-8A, MW-8B, MW-9, MW-10, MW-11, MW-12, MW-13, HW-3) monitoring wells. Pending access procurement, installation of an additional sentinel monitoring well (MW-8C) that will be located adjacent to monitoring wells MW-8A and MW-8B. This will also include geophysical testing and groundwater sampling at pertinent fractures.

## **TABLES**

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-1A</b>	98.71	7/26/05	22.34	76.37
Installed- 7/6/05		11/22/05	22.11	76.60
Well Depth: 32'		3/16/06	22.40	76.31
Screen: 10.5'-32'		4/25/06	22.10	76.61
4" diameter		5/12/06	22.24	76.47
		6/30/06	22.47	76.24
		7/13/06	20.85	77.86
		8/11/06	21.02	77.69
		9/12/06	21.64	77.07
		10/23/06	21.69	77.02
		11/21/06	21.43	77.28
		12/7/06	20.81	77.90
		1/29/07	21.42	77.29
		2/20/07	21.84	76.87
		3/28/07	21.83	76.88
		4/12/07	21.34	77.37
		5/14/07	21.21	77.50
		6/22/07	21.62	77.09
		7/30/07	22.03	76.68
		8/23/07	21.90	76.81
		9/25/07	23.72	74.99
		10/15/07	24.10	74.61
		11/26/07	23.26	75.46
		12/14/07	24.02	74.89
		1/29/08	23.60	75.11
		2/18/08	23.14	75.57
		3/14/08	22.87	75.84
		4/15/08	22.64	76.07
		5/20/08	22.59	76.12
		6/18/08	23.32	75.39
		7/22/08	23.87	74.84
		8/20/08	23.16	75.55
		9/3/08	23.38	75.33
		10/30/08 *	NG	NG
		11/10/08	23.64	75.07
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	23.66	75.05
		3/24/09	23.91	74.80
		4/30/09 *	23.38	75.33
		6/8/09	22.49	76.22
		7/7/09	22.33	76.38
		8/31/09	23.03	75.68
		9/27/09	22.44	76.27
		10/29/09	22.13	76.58
		11/5/09	21.90	76.81
		12/23/09	20.91	77.80
		1/12/2010 *	NG	NG
		2/18/2010 *	20.26	78.45
		3/10/10	20.21	78.50
		4/8/2010 *	19.20	79.51
		5/21/2010 *	20.38	78.33
		6/7/10	20.57	78.14
		7/13/10	21.35	77.36
		7/31/2010 *	NG	--
		8/16/2010 *	22.65	76.06
		9/20/10	22.71	76.00
		10/26/2010 *	21.56	77.15
		11/23/2010 *	22.17	76.54
		12/20/10	22.50	76.21
		2/3/11	23.98	74.73
		3/22/11	25.48	73.23
		4/26/11	20.69	78.02
		5/25/11	20.65	78.06
		6/29/11	21.05	77.66
		7/28/11	21.98	76.73
		8/2/11	22.60	76.11
		9/22/11	21.42	77.29
		10/6/11	20.89	77.82
		11/3/11	21.08	77.63
		12/8/11	21.39	77.32
		3/1/12	21.37	77.34
		6/5/12	22.84	75.87
		8/23/12	23.28	75.43
		12/6/12	22.30	76.41
		3/11/13	21.90	76.81
		6/6/13	22.09	76.62
		9/12/13	22.45	76.26
		12/18/13	22.61	76.10
		3/19/14	21.25	77.46
		6/16/14	19.10	79.61
		9/26/14	28.86	69.85
		12/8/14	22.42	76.29
		3/24/15	22.30	76.41
		6/23/15	21.51	77.20

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-1B</b>	99.18			
Installed- 7/6/05		7/26/05	23.18	76.00
Well Depth: 81'		11/22/05	22.80	76.38
Open Hole: 53'-81'		3/16/06	22.27	76.91
6" diameter		4/25/06	22.78	76.40
		5/12/06	22.81	76.37
		6/30/06	22.61	76.57
		7/13/06	21.20	77.98
		8/11/06	22.04	77.14
		9/12/06	22.34	76.84
		10/23/06	22.45	76.73
		11/21/06	21.88	77.30
		12/7/06	21.51	77.67
		1/29/07	22.13	77.05
		2/2/07	22.59	76.59
		3/28/07	22.31	76.87
		4/12/07	21.90	77.28
		5/14/07	21.96	77.22
		6/22/07	22.68	76.50
		7/30/07	22.64	76.54
		8/23/07	22.72	76.46
		9/25/07	24.50	74.68
		10/15/07	24.93	74.25
		11/26/07	24.13	75.05
		12/14/07	24.92	74.26
		1/29/08	24.48	74.70
		2/18/08	23.17	76.01
		3/14/08	23.45	75.73
		4/15/08	23.65	75.53
		5/20/08	23.31	75.87
		6/18/08	22.91	76.27
		7/22/08	23.45	75.73
		8/20/08	23.88	75.30
		9/3/08	23.96	75.22
		10/30/08 *	24.07	75.11
		11/10/08	24.10	75.08
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	24.13	75.05
		3/24/09	24.39	74.79
		4/30/09 *	23.84	75.34
		6/8/09	22.95	76.23
		7/7/09	23.05	76.13
		8/31/09	23.45	75.73
		9/27/09	22.78	76.40
		10/29/09	22.55	76.63
		11/5/09	22.36	76.82
		12/23/09	21.15	78.03
		1/12/2010 *	20.68	78.50
		2/18/2010 *	20.71	78.47
		3/10/10	20.52	78.66
		4/8/2010 *	19.61	79.57
		5/21/2010 *	20.90	78.28
		6/7/10	20.96	78.22
		7/13/10	21.81	77.37
		7/31/2010 *	NG	--
		8/16/2010 *	22.95	76.23
		9/20/10	23.19	75.99
		10/26/2010 *	22.04	77.14
		11/23/2010 *	22.58	76.60
		12/20/10	22.80	76.38
		2/3/11	23.53	75.65
		3/22/11	21.75	77.43
		4/26/11	21.14	78.04
		5/25/11	21.11	78.07
		6/29/11	21.45	77.73
		7/28/11	22.63	76.55
		8/2/11	23.27	75.91
		9/22/11	21.69	77.49
		10/6/11	21.53	77.65
		11/3/11	21.76	77.42
		12/8/11	21.89	77.29
		3/1/12	21.81	77.37
		6/5/12	23.43	75.75
		8/23/12	23.88	75.30
		12/6/12	22.72	76.46
		3/11/12	22.15	77.03
		6/6/13	23.04	76.14
		9/12/13	25.35	73.83
		12/18/13	27.30	71.88
		3/19/14	21.85	77.33
		6/16/14	NG	NG
				Abandoned on June 30, 2014

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-2</b>	98.1			
Installed- 7/6/05		7/26/05	24.95	73.15
Well Depth: 31'		11/22/05	24.96	73.14
Screen: 10.5'-31'		3/16/06	24.28	73.82
4" diameter		4/25/06	24.81	73.29
		5/12/06	24.86	73.24
		6/30/06	23.99	74.11
		7/13/06	23.21	74.89
		8/11/06	23.89	74.21
		9/12/06	24.67	73.43
		10/23/06	24.74	73.36
		11/21/06	23.90	74.20
		12/7/06	23.67	74.43
		1/29/07	24.12	73.98
		2/2/07	24.39	73.71
		3/28/07	24.26	73.84
		4/12/07	24.07	74.03
		5/14/07	24.00	74.10
		6/22/07	24.97	73.13
		7/30/07	24.31	73.79
		8/23/07	26.00	72.10
		9/25/07	26.53	71.57
		10/15/07	26.78	71.32
		11/26/07	26.02	72.08
		12/14/07	26.25	71.85
		1/29/08	25.69	72.41
		2/18/08	25.43	72.67
		3/14/08	25.20	72.90
		4/15/08	25.38	72.72
		5/20/08	25.00	73.10
		6/18/08	25.05	73.05
		7/22/08	25.67	72.43
		8/20/08	26.22	71.88
		9/3/08	26.45	71.65
		10/30/08 *	NG	NG
		11/10/08	26.58	71.52
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	26.22	71.88
		3/24/09	26.55	71.55
		4/30/09 *	25.82	72.28
		6/8/09	25.11	72.99
		7/7/09	25.16	72.94
		8/31/09	25.94	72.16
		9/27/09	25.53	72.57
		10/29/09	25.15	72.95
		11/5/09	25.88	72.22
		12/23/09	NG	NG
		1/12/2010 *	NG	NG
		2/18/2010 *	NG	NG
		3/10/10	23.03	75.07
		4/8/2010 *	22.35	75.75
		5/21/2010 *	24.11	73.99
		6/7/10	23.95	74.15
		7/13/10	25.22	72.88
		7/31/2010 *	NG	--
		8/16/2010 *	25.72	72.38
		9/20/10	26.28	71.82
		10/26/2010 *	25.58	72.52
		11/23/2010 *	25.72	72.38
		12/20/10	25.81	72.29
		2/3/11	26.17	71.93
		3/22/11	24.20	73.90
		4/26/11	23.62	74.48
		5/25/11	23.63	74.47
		6/29/11	24.45	73.65
		7/28/11	25.38	72.72
		8/2/11	25.85	72.25
		9/22/11	24.30	73.80
		10/6/11	23.79	74.31
		11/3/11	24.10	74.00
		12/8/11	24.00	74.10
		3/1/12	24.59	73.51
		6/5/12	25.62	72.48
		8/23/12	26.40	71.70
		12/6/12	25.75	72.35
		3/11/12	25.18	72.92
		6/6/13	25.21	72.89
		9/12/13	24.77	73.33
		12/18/13	24.38	73.72
		3/19/14	24.41	73.69
		6/16/14	NG	NG
				Abandoned on June 30, 2014

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-3A</b>	97.44			
Installed- 7/6/05		7/26/05	20.60	76.84
Well Depth: 30'		11/22/05	20.21	77.23
Screen: 10.5'-30'		3/16/06	19.70	77.74
4" diameter		4/25/06	20.11	77.33
		5/12/06	20.25	77.19
		6/30/06	20.33	77.11
		7/13/06	18.39	79.05
		8/11/06	19.09	78.35
		9/12/06	19.72	77.72
		10/23/06	19.77	77.67
		11/21/06	19.18	78.26
		12/7/06	18.81	78.63
		1/29/07	19.41	78.03
		2/2/07	19.95	77.49
		3/28/07	19.71	77.73
		4/12/07	19.23	78.21
		5/14/07	19.20	78.24
		6/22/07	20.26	77.18
		7/30/07	19.81	77.63
		8/23/07	21.50	75.94
		9/25/07	21.97	75.47
		10/15/07	22.35	75.09
		11/26/07	21.31	76.13
		12/14/07	22.21	75.23
		1/29/08	21.70	75.74
		2/18/08	21.12	76.32
		3/14/08	20.82	76.62
		4/15/08	23.18	74.26
		5/20/08	20.57	76.87
		6/18/08	20.35	77.09
		7/22/08	20.72	76.72
		8/20/08	21.26	76.18
		9/3/08	21.35	76.09
		10/30/08 *	NG	NG
		11/10/08	21.55	75.89
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	21.52	75.92
		3/24/09	21.82	75.62
		4/30/09 *	21.16	76.28
		6/8/09	20.44	77.00
		7/7/09	20.26	77.18
		8/31/09	20.92	76.52
		9/27/09	20.24	77.20
		10/29/09	19.92	77.52
		11/5/09	19.55	77.89
		12/23/09	18.43	79.01
		1/12/2010 *	17.69	79.75
		2/18/2010 *	19.89	77.55
		3/10/10	17.75	79.69
		4/8/2010 *	16.78	80.66
		5/21/2010 *	17.03	80.41
		6/7/10	18.44	79.00
		7/13/10	19.17	78.27
		7/31/2010 *	NG	--
		8/16/2010 *	19.80	77.64
		9/20/10	20.54	76.90
		10/26/2010 *	19.72	77.72
		11/23/2010 *	19.79	77.65
		12/20/10	20.14	77.30
		2/3/11	20.85	76.59
		3/22/11	19.00	78.44
		4/26/11	18.29	79.15
		5/25/11	18.37	79.07
		6/29/11	18.90	78.54
		7/28/11	20.02	77.42
		8/2/11	20.65	76.79
		9/22/11	19.01	78.43
		10/6/11	18.61	78.83
		11/3/11	19.05	78.39
		12/8/11	19.30	78.14
		3/1/12	19.30	78.14
		6/5/12	20.85	76.59
		8/23/12	21.22	76.22
		12/6/12	19.97	77.47
		3/11/12	19.51	77.93
		6/6/13	20.00	77.44
		9/12/13	21.21	76.23
		12/18/13	22.22	75.22
		3/19/14	18.86	78.58
		6/16/14	NG	NG
				Abandoned on June 30, 2014

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-3B</b>	98.06			
Installed- 1/3/06		2/22/06	18.60	79.46
Well Depth: 80'		3/16/06	19.29	78.77
Screen: 70-80'		4/25/06	19.60	78.46
4" diameter		5/12/06	19.63	78.43
		6/30/06	19.55	78.51
		7/13/06	17.82	80.24
		8/11/06	18.76	79.30
		9/12/06	18.60	79.26
		10/23/06	19.23	78.83
		11/21/06	18.72	79.34
		12/7/06	18.92	79.14
		1/29/07	19.27	78.79
		2/20/07	19.42	78.64
		3/28/07	19.15	78.91
		4/12/07	18.73	79.33
		5/14/07	18.81	79.25
		6/22/07	19.76	78.30
		7/30/07	19.19	78.87
		8/23/07	22.02	76.04
		9/25/07	21.37	76.69
		10/15/07	22.00	76.06
		11/26/07	20.82	77.24
		12/14/07	22.16	75.90
		1/29/08	21.82	76.24
		2/18/08	20.47	77.59
		3/14/08	20.27	77.79
		4/15/08	21.09	76.97
		5/20/08	15.82	82.24
		6/18/08	19.67	78.39
		7/22/08	20.03	78.03
		8/20/08	20.90	77.16
		9/3/08	20.72	77.34
		10/30/08 *	NG	NG
		11/10/08	20.84	77.22
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	20.77	77.29
		3/24/09	20.94	77.12
		4/30/09 *	20.49	77.57
		6/8/09	19.90	78.16
		7/7/09	20.02	78.04
		8/31/09	19.90	78.16
		9/27/09	19.92	78.14
		10/28/09	19.26	78.80
		11/5/09	19.25	78.81
		12/23/09	18.55	79.51
		1/12/2010 *	17.82	80.24
		2/18/2010 *	NG	NG
		3/10/10	17.47	80.59
		4/8/2010*	16.21	81.85
		5/21/2010*	17.10	80.96
		6/7/10	17.49	80.57
		7/13/10	18.41	79.65
		7/31/2010 *	NG	--
		8/16/2010*	18.97	79.09
		9/20/10	19.62	78.44
		10/26/2010*	18.80	79.26
		11/23/2010*	19.36	78.70
		12/20/10	19.18	78.88
		2/3/11	21.95	76.11
		3/22/11	18.20	79.86
		4/26/11	18.03	80.03
		5/25/11	18.00	80.06
		6/29/11	18.12	79.94
		7/28/11	19.43	78.63
		8/2/11	19.97	78.09
		9/22/11	18.94	79.12
		10/6/11	18.49	79.57
		11/3/11	18.85	79.21
		12/8/11	18.52	79.54
		3/1/12	18.67	79.39
		6/5/12	19.80	78.26
		8/23/12	20.24	77.82
		12/6/12	19.35	78.71
		3/11/12	19.00	79.06
		6/6/13	19.35	78.71
		9/12/13	20.29	77.77
		12/18/13	21.48	76.58
		3/19/14	18.18	79.88
		6/16/14	NG	NG
			Abandoned on June 30, 2014	

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-4A</b>	88.68			
Installed- 7/5/05		7/26/05	15.57	73.11
Well Depth: 35'		11/22/05	15.60	73.08
Screen:10-30.5'		3/16/06	14.87	73.81
4" diameter		4/25/06	16.46	72.22
		5/12/06	15.51	73.17
		6/30/06	14.49	74.19
		7/13/06	13.75	74.93
		8/11/06	14.54	74.14
		9/12/06	15.29	73.39
		10/23/06	15.41	73.27
		11/21/06	14.54	74.14
		12/7/06	11.03	77.65
		1/29/07	13.32	75.36
		2/2/07	NG	NG
		3/28/07	14.80	73.88
		4/12/07	11.93	76.75
		5/14/07	11.36	77.32
		6/22/07	13.51	75.17
		7/30/07	12.23	76.45
		8/23/07	13.35	75.33
		9/25/07	15.68	73.00
		10/15/07	18.17	70.51
		11/26/07	15.55	73.13
		12/14/07	13.94	74.74
		1/29/08	13.91	74.77
		2/18/08	15.99	72.69
		3/14/08	15.73	72.95
		4/15/08	16.77	71.91
		5/20/08	12.45	76.23
		6/18/08	12.70	75.98
		7/22/08	13.98	74.70
		8/20/08	14.45	74.23
		9/3/08	14.79	73.89
		10/30/08 *	17.34	71.34
		11/10/08	17.36	71.32
		11/24/08 *	17.35	71.33
		12/12/08 *	17.33	71.35
		12/22/08	16.94	71.74
		1/6/09*	16.77	71.91
		1/19/09*	16.68	72.00
		1/28/09*	16.65	72.03
		2/4/09*	16.88	71.80
		2/16/09*	17.01	71.67
		3/4/09*	17.21	71.47
		3/24/09	17.31	71.37
		4/30/09 *	16.49	72.19
		6/8/09	15.80	72.88
		7/7/09	15.87	72.81
		8/31/09	16.69	71.99
		9/27/09	16.30	72.38
		10/28/09	15.91	72.77
		11/5/09	15.59	73.09
		12/23/09	14.73	73.95
		1/12/2010 *	14.15	74.53
		2/18/2010 *	14.30	74.38
		3/10/10	13.64	75.04
		4/8/2010*	13.01	75.67
		5/21/2010*C232	14.28	74.40
		6/7/10	14.76	73.92
		7/13/10	15.74	72.94
		7/31/2010 *	16.11	72.57
		8/16/2010*	16.46	72.22
		9/20/10	17.12	71.56
		10/26/2010*	16.19	72.49
		11/23/2010*	16.56	72.12
		12/20/10	16.62	72.06
		2/3/11	16.90	71.78
		3/22/11	14.95	73.73
		4/26/11	14.32	74.36
		5/25/11	14.35	74.33
		6/29/11	15.28	73.40
		7/28/11	16.17	72.51
		8/2/11	16.62	72.06
		9/22/11	15.60	73.08
		10/6/11	13.56	75.12
		11/3/11	14.82	73.86
		12/8/11	14.80	73.88
		3/1/12	16.48	72.20
		6/5/12	16.44	72.24
		8/23/12	17.13	71.55
		12/6/12	15.57	73.11
		3/11/12	15.94	72.74
		6/6/13	15.97	72.71
		9/12/13	15.80	72.88
		12/18/13	15.50	73.18
		3/19/14	15.11	73.57
		6/16/14	13.96	74.72
		9/26/14	16.36	72.32
		12/8/14	16.46	72.22
		3/24/15	15.92	72.76
		6/23/15	15.52	73.16

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-4B</b>	89.43			
Installed- 1/4/06		2/22/06	15.44	73.99
Well Depth: 60'		3/16/06	15.70	73.73
Screen: 45-60'		4/25/06	16.29	73.14
4" diameter		5/12/06	16.34	73.09
		6/30/06	15.35	74.08
		7/13/06	14.58	74.85
		8/11/06	15.20	74.23
		9/12/06	16.11	73.32
		10/23/06	16.07	73.36
		11/21/06	15.23	74.20
		12/7/06	15.17	74.26
		1/29/07	15.09	74.34
		2/20/07	NG	NG
		3/28/07	15.82	73.61
		4/12/07	15.83	73.60
		5/14/07	15.25	74.18
		6/22/07	16.20	73.23
		7/30/07	15.76	73.67
		8/23/07	17.03	72.40
		9/25/07	18.00	71.43
		10/15/07	14.42	75.01
		11/26/07	17.93	71.50
		12/14/07	17.72	71.71
		1/29/08	17.09	72.34
		2/18/08	17.07	72.36
		3/14/08	16.72	72.71
		4/15/08	17.31	72.12
		5/20/08	16.77	72.66
		6/18/08	16.43	73.00
		7/22/08	16.96	72.47
		8/20/08	17.49	71.94
		9/3/08	17.97	71.46
		10/30/08 *	18.09	71.34
		11/10/08	18.10	71.33
		11/24/08 *	18.06	71.37
		12/21/08 *	18.12	71.31
		12/22/08	17.77	71.66
		1/6/09	17.68	71.75
		1/19/09*	17.64	71.79
		1/28/09*	17.60	71.83
		2/4/09*	17.63	71.80
		2/16/09*	17.67	71.76
		3/4/09*	17.75	71.68
		3/24/09	18.10	71.33
		4/30/09 *	17.44	71.99
		6/8/09	17.14	72.29
		7/7/09	16.66	72.77
		8/31/09	17.44	71.99
		9/27/09	17.17	72.26
		10/29/09	16.72	72.71
		11/5/09	16.60	72.83
		12/23/09	15.58	73.85
		1/12/2010 *	15.04	74.39
		2/18/2010 *	15.27	74.16
		3/10/10	14.58	74.85
		4/8/2010*	13.83	75.60
		5/21/2010*	14.95	74.48
		6/7/10	16.48	72.95
		7/13/10	16.47	72.96
		7/31/2010 *	16.83	72.60
		8/16/2010*	16.17	73.26
		9/20/10	17.86	71.57
		10/26/2010*	16.92	72.51
		11/23/2010*	17.35	72.08
		12/20/10	17.39	72.04
		2/3/11	17.60	71.83
		3/22/11	15.63	73.80
		4/26/11	15.36	74.07
		5/25/11	15.10	74.33
		6/29/11	16.01	73.42
		7/28/11	16.94	72.49
		8/2/11	17.17	72.26
		9/22/11	16.00	73.43
		10/6/11	15.62	73.81
		11/3/11	15.50	73.93
		12/8/11	15.60	73.83
		3/1/12	16.23	73.20
		6/5/12	17.12	72.31
		8/23/12	17.81	71.62
		12/6/12	17.52	71.91
		3/11/12	16.73	72.70
		6/6/13	16.76	72.67
		9/12/13	16.14	73.29
		12/18/13	16.18	73.25
		3/19/14	15.82	73.61
		6/16/14	14.74	74.69
		9/26/14	16.76	72.67
		12/8/14	17.14	72.29
		3/24/15	16.70	72.73
		6/23/15	16.32	73.11

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-5</b>	93.29			
Installed- 7/5/05		7/26/05	20.21	73.08
Well Depth: 35'		11/22/05	20.15	73.14
Screen: 10.5'-35'		3/16/06	19.55	73.74
4" diameter		4/25/06	20.05	73.24
		5/12/06	20.09	73.20
		6/30/06	19.16	74.13
		7/13/06	18.45	74.84
		8/11/06	19.15	74.14
		9/12/06	19.90	73.39
		10/23/06	20.00	73.29
		11/21/06	19.14	74.15
		12/7/06	18.99	74.30
		1/29/07	19.41	73.88
		2/2/07	19.80	73.49
		3/28/07	19.29	74.00
		4/12/07	19.33	73.96
		5/14/07	19.28	74.01
		6/22/07	20.20	73.09
		7/30/07	20.24	73.05
		8/23/07	21.26	72.03
		9/25/07	21.79	71.50
		10/15/07	22.03	71.26
		11/26/07	21.48	71.81
		12/14/07	21.46	71.83
		1/29/08	21.02	72.27
		2/18/08	20.18	73.11
		3/14/08	20.45	72.84
		4/15/08	20.25	73.04
		5/20/08	20.25	73.04
		6/18/08	20.33	72.96
		7/22/08	20.96	72.33
		8/20/08	21.49	71.80
		9/3/08	21.71	71.58
		10/30/08 *	NG	NG
		11/10/08	21.81	71.48
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	21.38	71.91
		3/24/09	21.81	71.48
		4/30/09 *	21.06	72.23
		6/8/09	20.37	72.92
		7/7/09	20.44	72.85
		8/31/09	21.21	72.08
		9/27/09	20.79	72.50
		10/29/09	20.40	72.89
		11/5/09	20.12	73.17
		12/23/09	19.26	74.03
		1/12/2010 *	18.70	74.59
		2/18/2010 *	18.82	74.47
		3/10/10	18.23	75.06
		4/8/2010*	17.66	75.63
		5/21/2010*	18.42	74.67
		6/7/10	19.26	74.03
		7/13/10	19.56	73.73
		7/31/2010 *	NG	--
		8/16/2010*	20.90	72.39
		9/20/10	21.55	71.74
		10/26/2010*	20.20	73.09
		11/23/2010*	21.00	72.29
		12/20/10	21.06	72.23
		2/3/11	21.35	71.94
		3/22/11	19.46	73.83
		4/26/11	18.92	74.37
		5/25/11	18.96	74.33
		6/29/11	19.78	73.51
		7/28/11	20.67	72.62
		8/2/11	21.15	72.14
		9/22/11	19.60	73.69
		10/6/11	18.93	74.36
		11/3/11	19.20	74.09
		12/8/11	19.30	73.99
		3/1/12	19.94	73.35
		6/5/12	20.91	72.38
		8/23/12	21.64	71.65
		12/6/12	21.01	72.28
		3/11/12	20.45	72.84
		6/6/13	20.51	72.78
		9/12/13	20.13	73.16
		12/18/13	19.71	73.58
		3/19/14	19.74	73.55
		6/16/14	18.55	74.74
		9/26/14	20.75	72.54
		12/8/14	20.99	72.30
		3/24/15	20.50	72.79
		6/23/15	20.15	73.14

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-6</b>	84.01	7/26/05	12.70	71.31
Installed- 7/5/05		11/22/05	12.63	71.38
Well Depth: 25'		3/16/06	12.17	71.84
Screen: 5.5'-25'		4/25/06	12.41	71.60
4" diameter		5/12/06	12.55	71.46
		6/30/06	10.39	73.62
		7/13/06	11.18	72.83
		8/11/06	10.47	73.54
		9/12/06	12.37	71.64
		10/23/06	12.43	71.58
		11/21/06	11.46	72.55
		12/7/06	11.85	72.16
		1/29/07	12.11	71.90
		2/2/07	12.28	71.73
		3/28/07	11.42	72.59
		4/12/07	11.92	72.09
		5/14/07	11.60	72.41
		6/22/07	12.76	71.25
		7/30/07	12.58	71.43
		8/23/07	12.65	71.36
		9/25/07	13.99	70.02
		10/15/07	14.08	69.93
		11/26/07	13.62	70.39
		12/14/07	13.41	70.60
		1/29/08	13.10	70.91
		2/18/08	12.72	71.29
		3/14/08	12.56	71.45
		4/15/08	12.62	71.39
		5/20/08	12.47	71.54
		6/18/08	12.76	71.25
		7/22/08	13.03	70.98
		8/20/08	13.77	70.24
		9/3/08	13.95	70.06
		10/30/08 *	13.98	70.03
		11/10/08	13.94	70.07
		11/24/08 *	13.92	70.09
		12/12/08 *	NG	NG
		12/22/08	13.34	70.67
		1/19/09*	13.37	70.64
		2/16/09*	13.66	70.35
		3/24/09	13.87	70.14
		4/30/09 *	13.04	70.97
		6/8/09	12.75	71.26
		7/7/09	12.89	71.12
		8/31/09	13.43	70.58
		9/27/09	13.10	70.91
		10/29/09	12.65	71.36
		11/5/09	12.39	71.62
		12/23/09	11.95	72.06
		1/12/2010 *	11.58	72.43
		2/18/2010 *	11.71	72.30
		3/10/10	10.82	73.19
		4/8/2010*	10.75	73.26
		5/21/2010*	11.80	72.21
		6/7/10	12.17	71.84
		7/13/10	13.17	70.84
		7/31/2010 *	13.15	70.86
		8/16/2010*	13.43	70.58
		9/20/10	13.90	70.11
		10/26/2010*	13.10	70.91
		11/23/2010*	13.40	70.61
		12/20/10	13.42	70.59
		2/3/11	13.58	70.43
		3/22/11	11.77	72.24
		4/26/11	11.50	72.51
		5/25/11	11.64	72.37
		6/29/11	12.55	71.46
		7/28/11	13.09	70.92
		8/2/11	13.51	70.50
		9/22/11	12.20	71.81
		10/6/11	11.70	72.31
		11/3/11	12.11	71.90
		12/8/11	11.91	72.10
		3/1/12	12.52	71.49
		6/5/12	13.02	70.99
		8/23/12	13.80	70.21
		12/6/12	13.33	70.68
		3/11/12	12.69	71.32
		6/6/13	12.89	71.12
		9/12/13	13.04	70.97
		12/18/13	12.40	71.61
		3/19/14	12.10	71.91
		6/6/14	11.55	72.46
		9/26/14	13.51	70.50
		12/8/14	13.31	70.70
		3/24/15	12.70	71.31
		6/23/15	12.67	71.34

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-7</b>	97.15			
Installed- 7/6/05		7/26/05	20.10	77.05
Well Depth: 30.5'		11/22/05	19.64	77.51
Screen: 10'-30.5'		3/16/06	19.19	77.96
4" diameter		4/25/06	19.61	77.54
		5/12/06	19.72	77.43
		6/30/06	19.24	77.91
		7/13/06	17.57	79.58
		8/11/06	18.68	78.47
		9/12/06	19.67	77.48
		10/23/06	19.30	77.85
		11/21/06	18.38	78.77
		12/7/06	18.16	78.99
		1/29/07	18.84	78.31
		2/2/07	19.50	77.65
		3/28/07	19.01	78.14
		4/12/07	18.67	78.48
		5/14/07	18.65	78.50
		6/22/07	19.81	77.34
		7/30/07	19.78	77.37
		8/23/07	21.08	76.07
		9/25/07	21.55	75.60
		10/15/07	21.94	75.21
		11/26/07	20.97	76.18
		12/14/07	21.70	75.45
		1/29/08	21.19	75.96
		2/18/08	20.53	76.62
		3/14/08	20.16	76.99
		4/15/08	20.43	76.72
		5/20/08	20.04	77.11
		6/18/08	19.86	77.29
		7/22/08	20.28	76.87
		8/20/08	20.84	76.31
		9/3/08	20.96	76.19
		10/30/08 *	NG	NG
		11/10/08	21.11	76.04
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	20.98	76.17
		1/28/09*	20.73	76.42
		2/4/09*	20.79	76.36
		3/24/09	21.30	75.85
		4/30/09 *	20.50	76.65
		6/8/09	19.91	77.24
		7/7/09	19.87	77.28
		8/31/09	20.42	76.73
		9/27/09	19.74	77.41
		10/29/09	19.37	77.78
		11/5/09	18.92	78.23
		12/23/09	17.74	79.41
		1/12/2010 *	17.17	79.98
		2/18/2010 *	NG	NG
		3/10/10	16.99	80.16
		4/8/2010*	16.25	80.90
		5/21/2010*	17.07	80.08
		6/7/10	17.99	79.16
		7/13/10	18.78	78.37
		7/31/2010 *	NG	--
		8/16/2010*	19.40	77.75
		9/20/10	20.12	77.03
		10/26/2010*	18.80	78.35
		11/23/2010*	19.27	77.88
		12/20/10	19.55	77.60
		2/3/11	20.35	76.80
		3/22/11	18.18	78.97
		4/26/11	17.65	79.50
		5/25/11	17.87	79.28
		6/29/11	18.50	78.65
		7/28/11	19.66	77.49
		8/2/11	20.28	76.87
		9/22/11	18.28	78.87
		10/6/11	17.96	79.19
		11/3/11	18.60	78.55
		12/8/11	18.70	78.45
		3/1/12	18.80	78.35
		6/5/12	20.37	76.78
		8/23/12	20.84	76.31
		12/6/12	19.46	77.69
		3/11/12	19.93	77.22
		6/6/13	19.51	77.64
		9/12/13	20.66	76.49
		12/18/13	21.50	75.65
		3/19/14	18.60	78.55
		6/16/14	17.64	79.51
		9/26/14	19.44	77.71
		12/8/14	19.38	77.77
		3/24/15	19.60	77.55
		6/23/15	18.60	78.55

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-8A</b>	75.07			
Installed: 3/21/07		3/28/07	6.41	66.66
Well Depth: 30.'		4/12/07	7.82	67.25
Screen: 5'-30'		5/14/07	7.79	67.28
4" diameter		6/22/07	8.73	66.34
		7/30/07	8.59	66.48
		8/23/07	8.95	66.12
		9/25/07	9.60	65.47
		10/15/07	9.10	65.97
		11/26/07	9.12	65.95
		12/14/07	9.02	66.05
		1/29/08	8.42	66.65
		2/18/08	7.39	67.68
		3/14/08	8.58	66.49
		4/15/08	8.75	66.32
		5/20/08	8.56	66.51
		6/18/08	9.00	66.07
		7/22/08	9.40	65.67
		8/20/08	9.76	65.31
		9/3/08	8.86	66.21
		10/30/08 *	NG	NG
		11/10/08	9.50	65.57
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	9.00	66.07
		3/24/09	9.47	65.60
		4/30/09 *	9.03	66.04
		6/8/09	8.89	66.18
		7/7/09	9.31	65.76
		8/31/09	9.46	65.61
		9/27/09	9.06	66.01
		10/29/09	8.57	66.50
		11/5/09	8.82	66.25
		12/23/09	8.67	66.40
		1/12/2010 *	NG	NG
		2/18/2010 *	NG	NG
		3/10/10	8.05	67.02
		4/8/2010 *	8.25	66.82
		5/21/2010 *	8.89	66.18
		6/7/10	9.01	66.06
		7/13/10	9.99	65.08
		7/31/2010 *	NG	--
		8/16/2010 *	7.83	67.24
		9/20/10	9.92	65.15
		10/26/2010 *	9.44	65.63
		11/23/2010 *	9.48	65.59
		12/20/10	9.32	65.75
		2/3/11	9.02	66.05
		3/22/11	8.48	66.59
		4/26/11	8.44	66.63
		5/25/11	8.67	66.40
		6/29/11	9.30	65.77
		7/28/11	9.73	65.34
		8/2/11	9.75	65.32
		9/22/11	9.15	65.92
		10/6/11	8.90	66.17
		11/3/11	8.98	66.09
		12/8/11	8.36	66.71
		3/1/12	8.78	66.29
		6/5/12	9.34	65.73
		8/23/12	10.05	65.02
		12/6/12	9.72	65.35
		3/1/13	9.31	65.76
		6/6/13	9.57	65.50
		9/12/13	10.04	65.03
		12/18/13	9.45	65.62
		3/19/14	9.43	65.64
		6/16/14	9.95	65.12
		9/26/14	10.38	64.69
		12/8/14	10.47	64.60
		3/24/15	10.27	64.80
		6/23/15	10.30	64.77

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-8B</b>	74.74			
Installed-10/2/07		10/3/07	8.26	66.48
Well Depth: 50'		10/15/07	8.22	66.52
Screen: 45'-50'		11/26/07	8.30	66.44
4" diameter		12/14/07	7.82	66.92
		1/29/08	7.31	67.43
		2/18/08	8.60	66.14
		3/14/08	7.25	67.49
		4/15/08	7.42	67.32
		5/20/08	7.36	67.38
		6/18/08	7.63	67.11
		7/22/08	8.02	66.72
		8/20/08	8.09	66.65
		9/3/08	8.38	66.36
		10/30/08 *	NG	NG
		11/10/08	8.37	66.37
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	8.17	66.57
		3/24/09	9.58	65.16
		4/30/09 *	9.11	65.63
		6/8/09	8.38	66.36
		7/7/09	8.79	65.95
		8/31/09	8.92	65.82
		9/27/09	7.85	66.89
		10/29/09	9.42	65.32
		11/5/09	NG	NG
		12/23/09	7.10	67.64
		1/12/2010 *	NG	NG
		2/18/2010 *	NG	NG
		3/10/10	7.23	67.51
		4/8/2010*	7.41	67.33
		5/21/2010*	8.20	66.54
		6/7/10	7.22	67.52
		7/13/10	9.28	65.46
		7/31/2010 *	NG	--
		8/16/2010*	9.64	65.10
		9/20/10	8.49	66.25
		10/26/2010*	7.99	66.75
		11/23/2010*	7.97	66.77
		12/20/10	8.01	66.73
		2/3/11	8.25	66.49
		3/22/11	7.80	66.94
		4/26/11	7.26	67.48
		5/25/11	7.43	67.31
		6/29/11	7.88	66.86
		7/28/11	8.03	66.71
		8/2/11	8.30	66.44
		9/22/11	7.98	66.76
		10/6/11	6.21	92.50
		11/3/11	7.37	91.34
		12/8/11	7.40	67.34
		3/1/12	7.69	67.05
		6/5/12	8.08	66.66
		8/23/12	9.55	65.19
		12/6/12	8.34	66.40
		3/11/12	7.97	66.77
		6/6/13	8.01	66.73
		9/12/13	8.53	66.21
		12/18/13	8.00	66.74
		3/19/14	7.74	67.00
		6/16/14	8.12	66.62
		9/26/14	8.97	65.77
		12/8/14	8.92	65.82
		3/24/15	8.06	66.68
		6/23/15	8.61	66.13

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-9</b> Installed-1/21/10 Well Depth: 35' Screen: 5'-35' 4" diameter	86.29	3/10/10	12.35	73.94
		4/8/2010*	12.10	74.19
		5/21/2010*	13.26	73.03
		6/7/10	13.60	72.69
		7/13/10	14.33	71.96
		7/31/2010 *	14.69	71.60
		8/16/2010*	15.03	71.26
		9/20/10	16.61	69.68
		10/26/2010*	14.60	71.69
		11/23/2010*	15.02	71.27
		12/20/10	15.24	71.05
		2/3/11	15.30	70.99
		3/22/11	13.45	72.84
		4/26/11	12.89	73.40
		5/25/11	12.97	73.32
		6/29/11	13.98	72.31
		7/28/11	15.77	70.52
		8/2/11	15.09	71.20
		9/22/11	13.65	72.64
		10/6/11	13.19	73.10
		11/3/11	13.50	72.79
		12/8/11	13.43	72.86
		3/1/12	14.00	72.29
		6/5/12	14.75	71.54
		8/23/12	15.52	70.77
		12/6/12	14.99	71.30
		3/11/12	14.34	71.95
		6/6/13	14.48	71.81
		9/12/13	14.51	71.78
		12/18/13	14.01	72.28
		3/19/14	13.63	72.66
		6/16/14	12.79	73.50
		9/26/14	15.03	71.26
		12/8/14	14.97	71.32
		3/24/15	14.35	71.94
		6/23/15	14.12	72.17
<b>MW-10</b> Installed-1/21/10 Well Depth: 35' Screen: 5'-35' 4" diameter	86.28	3/10/10	11.50	74.78
		4/8/2010*	10.90	75.38
		5/21/2010*	12.15	74.13
		6/7/10	12.69	73.59
		7/13/10	13.50	72.78
		7/31/2010 *	13.81	72.47
		8/16/2010*	14.18	72.10
		9/20/10	14.86	71.42
		10/26/2010*	13.92	72.36
		11/23/2010*	14.29	71.99
		12/20/10	14.46	71.82
		2/3/11	14.59	71.69
		3/22/11	16.76	69.52
		4/26/11	12.10	74.18
		5/25/11	12.13	74.15
		6/29/11	13.03	73.25
		7/28/11	13.92	72.36
		8/2/11	14.35	71.93
		9/22/11	12.84	73.44
		10/6/11	12.33	73.95
		11/3/11	12.63	73.65
		12/8/11	12.51	73.77
		3/1/12	13.34	72.94
		6/5/12	14.11	72.17
		8/23/12	14.85	71.43
		12/6/12	14.27	72.01
		3/11/12	13.65	72.63
		6/6/13	13.73	72.55
		9/12/13	13.56	72.72
		12/18/13	13.34	72.94
		3/19/14	12.90	73.38
		6/16/14	11.80	74.48
		9/26/14	14.08	72.20
		12/8/14	14.36	71.92
		3/24/15	13.60	72.68
		6/23/15	13.36	72.92

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>MW-11</b> Installed: 12/20/10 Well Depth: 35' Screen: 10'-35' 2" diameter	86.20	2/3/11	14.56	71.64
		3/22/11	12.63	73.57
		4/26/11	12.01	74.19
		5/25/11	12.08	74.12
		6/29/11	12.96	73.24
		7/28/11	13.84	72.36
		8/2/11	14.30	71.90
		9/22/11	12.78	73.42
		10/6/11	12.26	73.94
		11/3/11	12.57	73.63
		12/8/11	12.40	73.80
		3/1/12	13.31	72.89
		6/5/12	13.98	72.22
		8/23/12	14.77	71.43
		12/6/12	14.20	72.00
		3/11/12	13.59	72.61
		6/6/13	13.65	72.55
		9/12/13	13.49	72.71
		12/18/13	13.36	72.84
		3/19/14	12.83	73.37
		6/16/14	11.73	74.47
		9/26/14	14.03	72.17
		12/8/14	14.33	71.87
		3/24/15	13.53	72.67
		6/23/15	13.38	72.82
<b>MW-12</b> Installed: 12/21/10 Well Depth: 35' Screen: 10'-35' 2" diameter	87.39	2/3/11	15.76	71.63
		3/22/11	13.68	73.71
		4/26/11	13.18	74.21
		5/25/11	13.23	74.16
		6/29/11	14.16	73.23
		7/28/11	15.05	72.34
		8/2/11	15.48	71.91
		9/22/11	13.91	73.48
		10/6/11	13.42	73.97
		11/3/11	13.71	73.68
		12/8/11	13.55	73.84
		3/1/12	14.36	73.03
		6/5/12	15.10	72.29
		8/23/12	15.98	71.41
		12/6/12	15.42	71.97
		3/11/12	14.77	72.62
		6/6/13	14.85	72.54
		9/12/13	14.75	72.64
		12/18/13	14.40	72.99
		3/19/14	13.98	73.41
		6/16/14	12.91	74.48
		9/26/14	15.27	72.12
		12/8/14	15.45	71.94
		3/24/15	14.77	72.62
		6/23/15	14.48	72.91
<b>MW-13</b> Installed: 12/20/10 Well Depth: 35' Screen: 10'-35' 2" diameter	86.06	2/3/11	15.55	70.51
		3/22/11	13.47	72.59
		4/26/11	13.14	72.92
		5/25/11	13.25	72.81
		6/29/11	14.27	71.79
		7/28/11	14.77	71.29
		8/2/11	15.25	70.81
		9/22/11	13.79	72.27
		10/6/11	13.32	72.74
		11/3/11	13.66	72.40
		12/8/11	13.44	72.62
		3/1/12	14.19	71.87
		6/5/12	14.69	71.37
		8/23/12	15.65	70.41
		12/6/12	15.13	70.93
		3/11/12	14.42	71.64
		6/6/13	14.58	71.48
		9/12/13	14.72	71.34
		12/18/13	14.15	71.91
		3/19/14	13.72	72.34
		6/16/14	12.92	73.14
		9/26/14	15.22	70.84
		12/8/14	15.09	70.97
		3/24/15	14.40	71.66
		6/23/15	14.15	71.91

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>HW-1</b>	92.69	3/16/06	19.31	73.38
Installed- 10/89		6/30/06	17.88	74.81
Well Depth: 20'		7/13/06	17.57	75.12
Screen: 3'-20'		8/11/06	18.49	74.20
4" diameter		9/12/06	19.20	73.49
* destroyed during 10/08		10/23/06	19.31	73.38
excavation activities		11/21/06	18.27	74.42
		12/7/06	18.22	74.47
		1/29/07	18.30	74.39
		2/20/07	18.31	74.38
		3/28/07	18.71	73.98
		4/12/07	18.51	74.18
		5/14/07	18.32	74.37
		6/22/07	18.82	73.87
		7/30/07	18.79	73.90
		8/23/07	19.56	73.13
		9/25/07	Dry	Dry
		10/15/07	19.56	73.13
		11/26/07	Dry	Dry
		12/14/07	Dry	Dry
		1/29/08	19.85	72.84
		2/18/08	19.62	73.07
		3/14/08	19.62	73.07
		4/15/08	19.53	73.16
		5/20/08	19.32	73.37
		6/18/08	19.53	73.16
		7/22/08	19.76	72.93
		8/20/08	19.82	72.87
		9/3/08	19.84	72.85
		10/30/08	Destroyed	-
<b>HW-2</b>	102	3/16/06	Dry	Dry
Installed- 10/89		6/30/06	19.49	82.51
Well Depth: 19.5'		7/13/06	Dry	Dry
Screen: 3'-19.5'		8/11/06	Dry	Dry
4" diameter		9/12/06	Dry	Dry
		10/23/06	Dry	Dry
		11/21/06	Dry	Dry
		12/7/06	Dry	Dry
		1/29/07	Dry	Dry
		2/20/07	Dry	Dry
		3/28/07	19.32	82.68
		4/12/07	Dry	Dry
		5/14/07	Dry	Dry
		6/22/07	Dry	Dry
		7/30/07	Dry	Dry
		8/23/07	Dry	Dry
		9/25/07	Dry	Dry
		10/15/07	Dry	Dry
		11/26/07	Dry	Dry
		12/14/07	Dry	Dry
		1/29/08	Dry	Dry
		2/18/08	Dry	Dry
		3/14/08	Dry	Dry
		4/15/08	Dry	Dry
		5/20/08	Dry	Dry
		6/18/08	Dry	Dry
		7/22/08	Dry	Dry
		8/20/08	Dry	Dry
		9/3/08	Dry	Dry
		10/30/08 *	NG	--
		11/10/08	Dry	Dry
		11/24/08 *	NG	NG
		12/12/08 *	NG	NG
		12/22/08	Dry	Dry
		3/24/09	Dry	Dry
		4/30/09 *	Dry	Dry
		6/8/09	Dry	Dry
		7/7/09	Dry	Dry
		8/31/09	Dry	Dry
		9/27/09	Dry	Dry
		10/29/09	Dry	Dry
		11/5/09	Dry	Dry
		12/23/09	Dry	Dry
		1/12/2010 *	Dry	Dry
		2/18/2010 *	NG	--
		3/10/10	Dry	Dry
		4/8/2010*	Dry	Dry
		5/21/2010*	Dry	Dry
		6/7/10	NG	--
		7/13/10	NG	--
		7/31/2010 *	NG	--
		8/16/2010*	NG	--
		9/20/10	Dry	Dry
		10/26/2010*	NG	--
		11/23/10	NG	--
		12/20/10	NG	--
		2/3/11	NG	--
		3/22/11	NG	--
		4/26/11	Dry	Dry
		5/25/11	Dry	Dry
		6/29/11	Dry	Dry
		7/28/11	Dry	Dry
		8/2/11	Dry	Dry
		9/22/11	Dry	Dry
		10/6/11	Dry	Dry
		11/3/11	Dry	Dry
		12/8/11	Dry	Dry
		3/1/12	Dry	Dry
		6/5/12	Dry	Dry
		8/23/12	Dry	Dry
		12/6/12	Dry	Dry
		3/11/13	Dry	Dry
		6/6/13	Dry	Dry
		9/12/13	Dry	Dry
		12/18/13	Dry	Dry
		3/19/14	Dry	Dry
		6/16/14	Dry	Dry
		Abandoned on June 30, 2014		

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
<b>HW-3</b>	85.01			
Installed- 10/89		1/29/07	12.40	72.61
Well Depth: 19.5'		2/20/07	12.57	72.44
Screen: 3'-19.5'		3/28/07	NG	NG
4" diameter		4/12/07	12.22	72.79
		5/14/07	12.11	72.90
		6/22/07	12.97	72.04
		7/30/07	12.61	72.40
		8/23/07	13.05	71.96
		9/25/07	14.30	70.71
		10/15/07	14.33	70.68
		11/26/07	14.19	70.82
		12/14/07	13.65	71.36
		1/29/08	13.54	71.47
		2/18/08	13.90	71.11
		3/14/08	12.97	72.04
		4/15/08	12.61	72.40
		5/20/08	12.41	72.60
		6/18/08	12.92	72.09
		7/22/08	13.31	71.70
		8/20/08	13.96	71.05
		9/3/08	14.16	70.85
		10/30/08 *	14.18	70.83
		11/10/08	14.16	70.85
		11/24/08 *	14.12	70.89
		12/12/08 *	NG	NG
		12/22/08	13.59	71.42
		1/19/09*	13.59	71.42
		2/16/09*	13.90	71.11
		3/24/09	14.12	70.89
		4/30/09 *	13.26	71.73
		6/8/09	12.94	72.07
		7/7/09	13.02	71.99
		8/31/09	13.65	71.36
		9/27/09	13.28	71.73
		10/29/09	12.81	72.20
		11/5/09	12.54	72.47
		12/23/09	12.03	72.98
		1/12/2010 *	NG	NG
		2/18/2010 *	NG	NG
		3/10/10	11.03	73.98
		4/8/2010*	10.75	74.26
		5/21/2010*	11.82	73.19
		6/7/10	12.22	72.79
		7/13/10	13.01	72.00
		7/31/2010 *	13.24	71.77
		8/16/2010*	13.55	71.46
		9/20/10	14.04	70.97
		10/26/2010*	13.23	71.78
		11/23/2010*	13.56	71.45
		12/20/10	13.60	71.41
		2/3/11	NG	--
		3/22/11	NG	--
		4/26/11	11.59	73.42
		5/25/11	11.68	73.33
		6/29/11	12.63	72.38
		7/28/11	13.35	71.66
		8/2/11	13.65	71.36
		9/22/11	12.26	72.75
		10/6/11	11.78	73.23
		11/3/11	12.14	72.87
		12/8/11	12.00	73.01
		3/1/12	NG	--
		6/5/12	13.31	71.70
		8/23/12	14.09	70.92
		12/6/12	13.54	71.47
		3/11/13	12.93	72.08
		6/6/13	13.12	71.89
		9/12/13	13.16	71.85
		12/18/13	12.57	72.44
		3/19/14	12.32	72.69
		6/16/14	11.53	73.48
		9/26/14	13.60	71.41
		12/8/14	13.43	71.58
		3/24/15	12.90	72.11
		6/23/15	12.81	72.20

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
TF-1	NA	11/5/09	DRY	NA
		12/23/09	DRY	NA
		1/1/10	DRY	NA
		2/18/10	DRY	NA
		3/10/10	DRY	NA
		4/8/10	DRY	NA
		5/21/10	DRY	NA
		6/7/10	DRY	NA
		9/20/10	DRY	NA
		12/20/10	DRY	NA
		2/3/11	DRY	NA
		3/22/11	DRY	NA
		6/29/11	NG	NA
		2/3/11	DRY	NA
		3/22/11	DRY	NA
		6/29/11	NG	NA
		9/22/11	DRY	NA
		12/8/11	NG	NA
		3/1/12	NG	NA
		8/23/12	NG	NA
		12/6/12	NG	NA
		3/11/13	DRY	DRY
		6/6/13	DRY	DRY
		9/12/13	DRY	DRY
		12/18/13	DRY	DRY
		3/19/14	DRY	DRY
		6/16/14	DRY	DRY
		9/26/14	DRY	DRY
		12/8/14	DRY	DRY
		3/24/15	DRY	DRY
		6/23/15	DRY	DRY
TF-2	NA	11/5/09	DRY	NA
		12/23/09	DRY	NA
		1/1/10	DRY	NA
		2/18/10	DRY	NA
		3/10/10	DRY	NA
		4/8/10	DRY	NA
		5/21/10	DRY	NA
		6/7/10	DRY	NA
		9/20/10	DRY	NA
		12/20/10	DRY	NA
		2/3/11	NG	NA
		3/22/11	NG	NA
		6/29/11	NG	NA
		9/22/11	NG	NA
		12/8/11	NG	NA
		3/1/12	NG	NA
		6/5/12	NG	NA
		8/23/12	NG	NA
		12/6/12	NG	NA
		3/11/13	DRY	DRY
		6/6/13	DRY	DRY
		9/12/13	DRY	DRY
		12/18/13	DRY	DRY
		3/19/14	DRY	DRY
		6/16/14	DRY	DRY
		9/26/14	DRY	DRY
		12/8/14	DRY	DRY
		3/24/15	DRY	DRY
		6/23/15	DRY	DRY
TF-3	NA	11/5/09	DRY	NA
		12/23/09	DRY	NA
		1/1/10	DRY	NA
		2/18/10	DRY	NA
		3/10/10	DRY	NA
		4/8/10	DRY	NA
		5/21/10	DRY	NA
		6/7/10	DRY	NA
		9/20/10	DRY	NA
		12/20/10	DRY	NA
		2/3/11	DRY	NA
		3/22/11	DRY	NA
		6/29/11	NG	NA
		9/22/11	DRY	NA
		12/8/11	NG	NA
		3/1/12	NG	NA
		6/5/12	NG	NA
		8/23/12	NG	NA
		12/6/12	NG	NA
		3/11/13	DRY	DRY
		6/6/13	DRY	DRY
		9/12/13	DRY	DRY
		12/18/13	DRY	DRY
		3/19/14	DRY	DRY
		6/16/14	DRY	DRY
		9/26/14	DRY	DRY
		12/8/14	DRY	DRY
		3/24/15	DRY	DRY
		6/23/15	DRY	DRY

**Table 1**  
**Monitoring Well Water Table Elevation**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Well	Top of Casing	Date	Depth to Water	Corrected Elevation
TF-4	NA	11/5/09	DRY	NA
		12/23/09	DRY	NA
		1/12/10	DRY	NA
		2/18/10	DRY	NA
		3/10/10	DRY	NA
		4/8/10	DRY	NA
		5/21/10	DRY	NA
		6/7/10	DRY	NA
		9/20/10	DRY	NA
		12/20/10	DRY	NA
		2/3/11	NG	NA
		3/22/11	NG	NA
		6/29/11	NG	NA
		9/22/11	NG	NA
		12/8/11	NG	NA
		3/1/12	NG	NA
		6/5/12	NG	NA
		8/23/12	NG	NA
		12/6/12	NG	NA
		3/11/13	DRY	DRY
		6/6/13	DRY	DRY
		9/12/13	DRY	DRY
		12/18/13	DRY	DRY
		3/19/14	DRY	DRY
		6/16/14	DRY	DRY
		9/26/14	DRY	DRY
		12/8/14	DRY	DRY
		3/24/15	DRY	DRY
		6/23/15		

\* Gauged as part of the Bio-injection Pilot Testing  
 NG = Not Gauged; well inaccessible

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
7-Eleven Store No. 22281  
Fallston, Maryland

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
7-Eleven Store No. 22281  
Fallston, Maryland

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-2	7/26/05	ND@1	ND@1	ND@1	ND@3	ND	3	ND@25	ND@25	ND@100	--	--	--	--	--	--
	11/22/05	ND@1	ND@1	ND@1	ND@3	ND	37	ND@25	ND@25	--	--	--	--	--	--	--
	3/16/06	ND@1	ND@1	ND@1	ND@3	ND	49	28	ND@25	ND@100	--	--	--	--	--	--
	6/30/06	ND@1	ND@1	ND@1	ND@3	ND	52	ND@25	ND@25	ND@100	--	--	--	--	--	--
	9/12/06	ND@1	ND@1	ND@1	ND@3	ND	31	ND@25	ND@25	ND@100	--	--	--	--	--	--
	12/7/06	ND@1	ND@1	ND@1	ND@3	ND	27	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/28/07	ND@1	ND@1	ND@1	ND@3	ND	12	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/22/07	ND@1	ND@1	ND@1	ND@3	ND	9	ND@10	ND@10	ND@100	--	--	--	--	--	--
	9/25/07	ND@1	ND@1	ND@1	ND@3	ND	5	ND@10	ND@10	ND@100	--	--	--	--	--	--
	12/14/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/14/08	ND@1	ND@1	ND@1	ND@3	ND	5	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/18/08	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@20	ND@100	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@20	ND@100	--	--	--	--	--	--
	12/23/08	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@20	ND@100	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@20	ND@100	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/09	Not Sampled													--	
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	1.2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	ND@0.5	ND@10	ND@0.8	ND@20	ND@3	3.67	0.935	ND@0.5	5.2	10.7
	6/16/14	Well abandoned on 6/30/14														

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
7-Eleven Store No. 22281  
Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-3A	7/26/05	ND@1	ND@1	ND@1	ND@3	ND	2400	1700	110	2700	--	--	--	--	--	--
	11/22/05	ND@1	ND@1	ND@1	ND@3	ND	260	120	ND@25	--	--	--	--	--	--	--
	3/16/06	ND@1	ND@1	ND@1	ND@3	ND	37	ND@25	ND@25	ND@100	--	--	--	--	--	--
	6/30/06	ND@1	ND@1	ND@1	ND@3	ND	3	ND@25	ND@25	ND@100	--	--	--	--	--	--
	9/12/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	ND@100	--	--	--	--	--	--
	12/7/06	ND@1	ND@1	ND@1	ND@3	ND	2	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/28/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/22/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	9/25/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	12/14/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/14/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/18/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	ND@0.5	ND@10	ND@0.8	ND@20	ND@3	3.81	15	ND@0.5	0.73	10.8
	6/16/14															

Well abandoned on 6/30/14

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
7-Eleven Store No. 22281  
Fallston, Maryland

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-4A	7/26/05	11	ND@1	ND@1	10	21	31,000	25,000	E 2,200	30,000	--	--	--	--	--	--
	11/22/05	15	ND@1	ND@1	10	25	42,000	29,000	3,200	--	--	--	--	--	--	--
	3/16/06	ND@5	ND@5	ND@5	ND@10	0	20,000	9,900	940	2,100	--	--	--	--	--	--
	6/30/06	14	3	ND@1	12	29	E 3,300	E 3,400	E 560	2,000	--	--	--	--	--	--
	9/12/06	34	9	ND@1	25	68	20,000	E 21,000	E 630	2,900	--	--	--	--	--	--
	12/7/06	30	ND@5	ND@5	11	41	27,000	32000	780	3,000	--	--	--	--	--	--
	3/28/07	8	ND@1	ND@1	6	14	E 37,000	E 41,000	E 490	2,500	--	--	--	--	--	--
	6/22/07	8	ND@1	ND@1	10	18	E 12,000	E 5,300	E 480	2,500	--	--	--	--	--	--
	9/25/07	7	ND@1	ND@1	6	13	E 11,000	E 4,500	E 560	1,500	--	--	--	--	--	--
	12/14/07	7	ND@1	ND@1	6	13	E 7,600	ND@10	E 460	1,700	--	--	--	--	--	--
	3/14/08	ND@100	ND@100	ND@100	ND@300	ND	15,000	11,000	ND@1,000	20,000	--	--	--	--	--	--
	6/18/08	ND@50	ND@50	ND@50	ND@150	ND	8,100	4,500	ND@500	1,500	--	--	--	--	--	--
	9/3/08	7	ND@1	ND@1	ND@3	7	8,200	11,000	460	4,400	--	--	--	--	--	--
	12/23/08	ND@100	ND@100	ND@100	ND@300	ND	15,000	9,500	ND@1,000	6,000	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	4,900	4,100	130	720	--	--	--	--	--	--
	6/8/09	2	ND@1	ND@1	ND@3	2	5,100	2,900	150	1,600	--	--	--	--	--	--
	9/27/09	3	ND@1	ND@1	1	4	6,600	3,700	220	9,100	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	1,500	660	54	1,900	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	1,500	470	55	1,400	--	--	--	--	--	--
	5/6/10	ND@1	ND@1	ND@1	ND@3	ND	150	61	ND@10	120	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	23	ND@20	ND@10	ND@100	--	--	--	--	--	--
	7/31/10	ND@1	ND@1	ND@1	ND@3	ND	35	ND@20	ND@10	ND@100	--	--	--	--	--	--
	8/16/10	ND@1	ND@1	ND@1	ND@3	ND	55	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	740	340	36	1,100	--	--	--	--	--	--
	10/26/10	ND@1	ND@1	ND@1	ND@3	ND	730	210	ND@10	810	--	--	--	--	--	0.23
	11/23/10	ND@1	ND@1	ND@1	ND@3	ND	870	210	41	850	--	--	--	--	--	0.15
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	1,400	420	56	1,400	--	--	--	--	--	0.27
	2/28/11	ND@1	ND@1	ND@1	ND@3	ND	860	90	45	850	--	--	--	--	--	25.14
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	370	86	15	280	--	--	--	--	--	10.95
	4/26/11	ND@1	ND@1	ND@1	ND@3	ND	390	82	18	530	--	--	--	--	--	21.55
	5/25/11	ND@1	ND@1	ND@1	ND@3	ND	220	ND@20	ND@10	200	--	--	--	--	--	50
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	1,100	ND@20	48	1,100	--	--	--	--	--	1.11
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	210	39	ND@10	150	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	150	ND@20	ND@10	150	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	560	120	33	870	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	410	58	17	460	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	400	110	18	490	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	390	97	22	490	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-4A continued	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	770	180	28	690	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	660	210	30	760	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	620	260	21	630	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	300	53	ND@10	250	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	150	61	5	150	ND@3	0.94	0.49	10.20	14.60	4.45
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	460	190	18	390	ND@3	0.30	0.51	7.60	10.70	4.83
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	490	120	19	570	ND@3	0.05	0.33	5.70	6.30	3.80
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	300	39	11	240	ND@3	1.86	0.694	6	8.1	2.22
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	146	34.6	5.27	124	ND@5	0.99	0.634	3.43	3.46	12.2
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	255	51.5	7.6	ND@100	ND@5	0.61	0.36	3.3	8.93	1.17
MW-4B	2/16/06	ND@1	ND@1	ND@1	ND@3	ND	16	ND@25	ND@25	ND@100	--	--	--	--	--	--
	2/22/06	ND@1	ND@1	ND@1	ND@3	ND	16	ND@25	ND@25	ND@100	--	--	--	--	--	--
	3/16/06	ND@1	ND@1	ND@1	ND@3	ND	13	ND@25	ND@25	ND@100	--	--	--	--	--	--
	6/30/06	ND@1	ND@1	ND@1	ND@3	ND	7	ND@25	ND@25	ND@100	--	--	--	--	--	--
	9/12/06	ND@1	ND@1	ND@1	ND@3	ND	6	ND@25	ND@25	ND@100	--	--	--	--	--	--
	12/7/06	ND@1	ND@1	ND@1	ND@3	ND	21	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/28/07	ND@1	ND@1	ND@1	ND@3	ND	7	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/22/07	ND@1	ND@1	ND@1	ND@3	ND	3	ND@10	ND@10	ND@100	--	--	--	--	--	--
	9/25/07	ND@1	ND@1	ND@1	ND@3	ND	8	ND@10	ND@10	ND@100	--	--	--	--	--	--
	12/14/07	ND@1	ND@1	ND@1	ND@3	ND	6	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/14/08	ND@1	ND@1	ND@1	ND@3	ND	5	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/18/08	ND@1	ND@1	ND@1	ND@3	ND	12	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	13	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/08	ND@1	ND@1	ND@1	ND@3	ND	18	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	11	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	6	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	13	ND@20	ND@10	ND@100	--	--	--	--	--	--
	7/31/10	ND@1	ND@1	ND@1	ND@3	ND	11	ND@20	ND@10	ND@100	--	--	--	--	--	--
	8/16/10	ND@1	ND@1	ND@1	ND@3	ND	11	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	12	ND@20	ND@10	ND@100	--	--	--	--	--	--
	10/26/10	ND@1	ND@1	ND@1	ND@3	ND	14	ND@20	ND@10	ND@100	--	--	--	--	--	--
	11/23/10	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	2/28/11	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	--	--	--	--	--	--
	4/26/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	5/25/11	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-4B continued	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	5.3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	3.3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	3.3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	1.7	21	ND@10	ND@100	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	2.1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	1.6	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	1.0	ND@10	ND@0.8	ND@20	ND@3	ND@0.043	2.66	ND@0.5	11.60	2.55
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5	ND@20	ND@3	ND@0.0334	2.68	ND@0.5	11.30	6.74
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5	ND@20	ND@3	0.04	2.50	ND@0.5	10.30	4.10
	12/8/14	ND@0.5	ND@0.5	ND@0.5	0.5	0.5	0.6	ND@10	ND@0.5	ND@20	ND@3	ND@0.0334	2.53	ND@0.5	11.1	2.74
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	ND@1	ND@10	ND@1	ND@100	ND@5	ND@0.1	2.47	ND@0.25	11.2	6.1
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	ND@1	ND@10	ND@1	ND@100	0.009	0.17	2.36	ND@0.25	11.3	4.47
MW-5	7/26/05	ND@1	ND@1	ND@1	ND@3	ND	10	ND@25	ND@25	ND@100	--	--	--	--	--	--
	11/22/05	ND@1	ND@1	ND@1	ND@3	ND	15	ND@25	ND@25	--	--	--	--	--	--	--
	3/16/06	ND@1	ND@1	ND@1	ND@3	ND	76	44	ND@25	ND@100	--	--	--	--	--	--
	6/30/06	ND@1	ND@1	ND@1	ND@3	ND	11	ND@25	ND@25	ND@100	--	--	--	--	--	--
	9/12/06	ND@1	ND@1	ND@1	ND@3	ND	27	ND@25	ND@25	ND@100	--	--	--	--	--	--
	12/7/06	ND@1	ND@1	ND@1	ND@3	ND	15	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/28/07	ND@1	ND@1	ND@1	ND@3	ND	3	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/22/07	ND@1	ND@1	ND@1	ND@3	ND	3	ND@10	ND@10	ND@100	--	--	--	--	--	--
	9/25/07	ND@1	ND@1	ND@1	ND@3	ND	4	ND@10	ND@10	ND@100	--	--	--	--	--	--
	12/14/07	ND@1	ND@1	ND@1	ND@3	ND	5	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/14/08	ND@1	ND@1	ND@1	ND@3	ND	7	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/18/08	ND@1	ND@1	ND@1	ND@3	ND	9	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	7	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/08	ND@1	ND@1	ND@1	ND@3	ND	32	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	15	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	8	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	5	24	ND@10	ND@100	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-5 continued	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	1.7	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	1.5	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	1.4	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	1.5	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	1.1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	1.1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	ND@0.5	ND@0.8	ND@10	ND@20	ND@3	2.19	0.14	ND@0.5	5.0	11.1
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.8	ND@20	ND@3	16.40	0.18	ND@0.5	4.60	7.66
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.8	47	ND@3	0.11	0.11	ND@0.5	5.6	9.9
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.8	31	ND@3	4.16	0.131	ND@0.5	6.3	4.24
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	4.25	ND@10	ND@1	ND@100	ND@5	2.75	0.282	ND@0.25	4.67	4.7
	6/23/15	Not Sampled														
MW-6	7/26/05	ND@1	ND@1	ND@1	ND@3	ND	760	560	28	840	--	--	--	--	--	--
	11/22/05	ND@1	ND@1	ND@1	ND@3	ND	1,900	990	77	--	--	--	--	--	--	--
	3/16/06	ND@1	ND@1	ND@1	ND@3	ND	1,300	650	48	ND@100	--	--	--	--	--	--
	6/30/06	ND@1	ND@1	ND@1	ND@3	ND	E 860	59	48	ND@100	--	--	--	--	--	--
	9/12/06	ND@1	ND@1	ND@1	ND@3	ND	1,200	78	52	ND@100	--	--	--	--	--	--
	12/7/06	ND@10	ND@10	ND@10	ND@30	ND	2,400	140	110	140	--	--	--	--	--	--
	3/28/07	ND@100	ND@100	ND@100	ND@300	ND	1,100	ND@1,000	ND@1,000	110	--	--	--	--	--	--
	6/22/07	ND@1	ND@1	ND@1	ND@3	ND	E 1,000	78	62	130	--	--	--	--	--	--
	9/25/07	ND@1	ND@1	ND@1	ND@3	ND	E 1,200	120	65	150	--	--	--	--	--	--
	12/14/07	2	ND@1	ND@1	ND@3	2	E 3,800	E 330	E 350	600	--	--	--	--	--	--
	3/14/08	ND@50	ND@50	ND@50	ND@350	ND	3,000	ND@500	ND@500	3,700	--	--	--	--	--	--
	6/18/08	ND@10	ND@10	ND@10	ND@30	ND	2,200	ND@200	120	510	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	1,200	210	84	300	--	--	--	--	--	--
	12/27/08	ND@10	ND@10	ND@10	ND@30	ND	3,600	320	260	1,700	--	--	--	--	--	--
	3/24/09	ND@10	ND@10	ND@10	ND@30	ND	2,100	230	120	360	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	2,600	230	170	810	--	--	--	--	--	--
	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	1,600	170	99	2,300	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	1,200	190	78	1,500	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	330	87	18	330	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	670	210	29	590	--	--	--	--	--	--
	7/31/10	ND@1	ND@1	ND@1	ND@3	ND	1,400	290	71	1,800	--	--	--	--	--	--
	8/16/10	ND@1	ND@1	ND@1	ND@3	ND	1,700	310	84	2,300	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	1,700	750	78	2,000	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-6 continued	10/26/10	ND@1	ND@1	ND@1	ND@3	ND	2,400	900	130	2,800	--	--	--	--	--	--
	11/23/10	ND@1	ND@1	ND@1	ND@3	ND	2,400	940	130	3,400	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	2,200	920	87	2,100	--	--	--	--	--	--
	2/28/11	ND@1	ND@1	ND@1	ND@3	ND	2,400	1,200	130	2,400	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	2,300	1,000	99	1,800	--	--	--	--	--	--
	4/26/11	ND@1	ND@1	ND@1	ND@3	ND	2,500	800	120	3,500	--	--	--	--	--	--
	5/25/11	ND@1	ND@1	ND@1	ND@3	ND	2,200	390	100	2,900	--	--	--	--	--	--
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	1,700	ND@20	75	2,000	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	1,200	350	50	850	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	2,300	630	110	1,600	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	1,300	320	60	1,700	--	--	--	--	--	1.34
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	1,300	330	53	1,300	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	1,600	490	68	1,400	--	--	--	--	--	1.44
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	1,400	230	65	1,500	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	810	78	34	660	--	--	--	--	--	0.9
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	750	48	35	820	--	--	--	--	--	0.58
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	690	190	31	680	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	540	48	21	470	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	470	54 J	19	440	ND@3	3.58	8.51	25.30	32.30	8.06
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	230	32	8	190	ND@3	2.42	11.20	28.60	14.00	5.57
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	280	56	10	340	ND@3	0.13	10.50	18.00	13.60	3.00
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	360	60	16	310	ND@3	6.8	6.8	16	15	1.1
	3/24/15	ND@1	ND@1	ND@1	ND@1	ND	233	29.8	8.95	201	ND@5	32.6	4.43	21.5	17.6	4.9
	6/23/15	ND@1	ND@1	ND@1	ND@1	ND	193	19.4	5.89	ND@100	0.0077	6.15	6.36	18.8	14.6	0.4
MW-7	7/26/05	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	ND@100	--	--	--	--	--	--
	11/22/05	ND@1	ND@1	ND@1	ND@3	ND	ND@1	34	ND@25	--	--	--	--	--	--	--
	3/16/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	ND@100	--	--	--	--	--	--
	6/30/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	ND@100	--	--	--	--	--	--
	9/12/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	ND@100	--	--	--	--	--	--
	12/7/06	ND@1	ND@1	ND@100	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/28/07	ND@1	ND@1	ND@100	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/22/07	ND@1	ND@1	ND@100	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	9/25/07	ND@1	ND@1	ND@100	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	12/14/07	ND@1	ND@1	ND@100	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/14/08	ND@1	ND@1	ND@100	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/18/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-7 continued	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	13	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	ND@0.5	ND@10	ND@0.8	ND@20	ND@3	6.79	7.36	ND@0.5	0.4	10.3
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5	ND@20	ND@3	5.04	8.42	ND@0.5	0.22	8.45
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5	ND@20	ND@3	0.22	8.38	ND@0.5	0.31	11.5
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5	ND@20	ND@3	4.9	8.59	ND@0.5	0.64	7.39
	3/24/15	ND@1	ND@1	ND@1	ND@1	ND	ND@1	ND@10	ND@1	ND@100	ND@5	13.4	7.47	ND@0.25	0.614	10.1
	6/23/15	Not Sampled														
MW-8A	3/28/07	ND@1	1	ND@100	ND@3	1	44	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/22/07	ND@1	ND@1	ND@100	ND@3	ND	9	ND@10	ND@10	ND@100	--	--	--	--	--	--
	9/25/07	ND@1	ND@1	ND@100	ND@3	ND	3	ND@10	ND@10	ND@100	--	--	--	--	--	--
	12/14/07	ND@1	ND@1	ND@100	ND@3	ND	ND@1	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/14/08	ND@1	ND@1	ND@100	ND@3	ND	3	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/18/08	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/27/08	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	7	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	17	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	13	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	24	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	9	ND@20	ND@10	ND@100	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-8A continued	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	21	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	30	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	30	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	33	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	32	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	19	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/12	ND@1	2.1	ND@1	ND@3	2.1	43	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	38	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	32	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	28	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	25	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	15	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	18	ND@10	ND@0.8	25	ND@3	12.00	5.07	0.52	11.80	6.56
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	17	ND@10	ND@0.5	ND@20	ND@3	18.40	3.31	0.57	10.40	4.11
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	18	ND@10	ND@0.5	23	ND@3	1.32	2.57	ND@0.5	13.30	4.70
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	21	ND@10	0.7	ND@20	ND@3	18.9	2.79	ND@0.5	14.2	0.96
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	13.5	ND@10	ND@1	ND@100	ND@5	29	5.44	0.343	12	6.2
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	21.3	ND@10	ND@1	ND@100	0.0088	5.76	3.82	0.78	15.4	0.37
MW-8B	10/15/07	ND@1	1	ND@1	ND@3	1	14	ND@10	ND@10	ND@100	--	--	--	--	--	--
	12/14/07	ND@1	ND@1	ND@100	ND@3	ND	15	ND@10	ND@10	ND@100	--	--	--	--	--	--
	3/14/08	ND@1	ND@1	ND@100	ND@3	ND	16	ND@10	ND@10	ND@100	--	--	--	--	--	--
	6/18/08	ND@1	ND@1	ND@1	ND@3	ND	24	ND@20		ND@100	--	--	--	--	--	--
	9/3/08	ND@1	ND@1	ND@1	ND@3	ND	28	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/27/08	ND@1	ND@1	ND@1	ND@3	ND	23	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/24/09	ND@1	ND@1	ND@1	ND@3	ND	39	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/8/09	ND@1	ND@1	ND@1	ND@3	ND	64	25	ND@10	ND@100	--	--	--	--	--	--
	9/27/09	ND@1	ND@1	ND@1	ND@3	ND	77	31	ND@10	ND@100	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	93	31	ND@10	ND@100	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	100	33	ND@10	ND@100	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	56	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	65	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	56	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	34	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	29	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	22	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	28	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	22	ND@20	ND@10	ND@100	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	12	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	18	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/6/12	ND@1	280	ND@1	ND@3	280	15	ND@20	ND@10	670	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-8B continued	3/11/13	ND@1	75	ND@1	ND@3	75	17	ND@20	ND@10	150	--	--	--	--	--	--
	6/6/13	ND@1	2.1	ND@1	ND@3	2.1	17	ND@20	ND@10	ND@100	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	14	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	7.1	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	3	ND@10	ND@0.8	ND@20	ND@3	3.62	4.52	0.52	9.10	8.77
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	11	ND@10	ND@0.5	ND@20	ND@3	1.70	3.79	0.59	9.80	4.13
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	8	ND@10	ND@0.5	ND@20	11	0.30	3.65	0.91	9.90	2.30
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	7	ND@10	ND@0.5	ND@20	3.7	8.11	3.54	0.72	10.1	2.22
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	4.57	ND@10	ND@1	ND@100	ND@5	1.59	3.87	2.77	10.1	4.7
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	5.67	ND@10	ND@1	ND@100	ND@5	0.972	3.52	0.316	9.41	0.36
MW-9	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	1,800	490	75	1,600	--	--	--	--	--	--
	5/6/10	ND@1	ND@1	ND@1	ND@3	ND	1,200	330	52	1,300	--	--	--	5.67	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	990	290	33	910	--	--	--	--	--	--
	7/31/10	ND@1	ND@1	ND@1	ND@3	ND	1,600	480	71	2,100	--	--	--	--	--	0.46
	8/16/10	ND@1	ND@1	ND@1	ND@3	ND	1,300	350	49	1,600	--	--	--	--	--	0.44
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	990	340	34	1,100	--	--	--	--	--	2.68
	10/26/10	ND@1	ND@1	ND@1	ND@3	ND	1,300	500	52	1,400	--	--	--	--	--	0.19
	11/23/10	ND@1	ND@1	ND@1	ND@3	ND	1,200	360	50	1,300	--	--	--	--	--	0.21
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	1,400	470	48	1,400	--	--	--	--	--	0.22
	2/28/11	ND@1	ND@1	ND@1	ND@3	ND	1,200	190	57	1,300	--	--	--	--	--	25.62
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	1,100	340	42	850	--	--	--	--	--	9.68
	4/26/11	ND@1	ND@1	ND@1	ND@3	ND	1,300	320	59	1,800	--	--	--	--	--	0.21
	5/25/11	ND@1	ND@1	ND@1	ND@3	ND	1,200	150	53	1,500	--	--	--	--	--	48.22
	6/29/11	ND@1	ND@1	ND@1	ND@3	ND	1,600	200	68	1,700	--	--	--	--	--	0.48
	9/22/11	ND@1	ND@1	ND@1	ND@3	ND	2,200	690	ND@100	1,300	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	2,000	560	95	1,500	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	1,800	790	81	2,300	--	--	--	--	--	0.46
	6/5/12	1.3	ND@1	ND@1	ND@3	ND	3,900	1,600	160	3,800	--	--	--	--	--	--
	9/12/12	1.1	ND@1	ND@1	ND@3	1.1	2,500	1,200	130	2,700	--	--	--	--	--	1.15
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	1,600	840	90	1,900	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	2,500	1,100	97	2,000	--	--	--	--	--	0.8
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	2,000	920	83	2,100	--	--	--	--	--	0.81
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	2,300	1,500	100	2,100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	950	360	35	730	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	1,100	510	44	970	ND@3	1.7	0.634	1.2	9.7	5.07
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	750	360	31	640	ND@3	1	1.16	ND@0.5	8.3	5.53
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	560	200	16	500	ND@3	0.04	1.72	3.4	8.3	3.7
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	900	370	35	800	ND@3	2.85	1.42	2.7	8.7	3.7
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	557	203	21.4	435	ND@5	4.56	1.23	ND@0.25	8.71	4.9
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	554	173	17.2	ND@100	0.0068	3.22	1.71	1.22	8.39	1.23

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-10	3/10/10	6	ND@1	ND@1	11	17	17,000	5,400	810	18,000	--	--	--	--	--	--
	5/6/10	3	ND@1	1	4	8	8,300	2,800	350	10,000	--	--	--	18.4	--	--
	6/7/10	1	ND@1	ND@1	1	2	4,700	1,700	350	5,200	--	--	--	--	--	--
	7/31/10	1	ND@1	ND@1	2	3	6,600	4,200	330	8,500	--	--	--	--	--	0.43
	8/16/10	2	ND@1	ND@1	2	4	6,600	3,600	330	9,200	--	--	--	--	--	0.19
	9/20/10	1	ND@1	ND@1	1	2	5,600	5,700	250	6,900	--	--	--	--	--	2.45
	10/26/10	1	ND@1	ND@1	1	2	6,100	6,600	280	7,100	--	--	--	--	--	0.15
	11/23/10	2	ND@1	ND@1	3	5	7,700	4,800	410	9,400	--	--	--	--	--	0.12
	12/20/10	2	ND@1	ND@1	4	6	11,000	9,600	470	12,000	--	--	--	--	--	0.52
	2/28/11	ND@1	ND@1	ND@1	ND@3	ND	8,300	5,200	530	11,000	--	--	--	--	--	23.36
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	5,700	4,600	240	5,900	--	--	--	--	--	9.71
	4/26/11	2	ND@1	ND@1	3	5	5,600	6,000	290	8,000	--	--	--	--	--	0.3
	5/25/11	2	ND@1	ND@1	3	5	5,800	6,000	270	7,500	--	--	--	--	--	50
	6/29/11	ND@5	ND@5	ND@5	ND@15	ND	4,100	4,400	180	4,800	--	--	--	--	--	19.74
	9/22/11	ND@20	ND@20	ND@20	ND@60	ND	2,700	1,700	180	1,800	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	2,700	2,900	120	1,900	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	1,100	1,100	51	1,500	--	--	--	--	--	4.03
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	1,000	920	34	1,100	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	1,000	1,000	41	1,100	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	1,000	1,500	50	1,100	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	880	1,300	37	750	--	--	--	--	--	0.9
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	520	810	23	660	--	--	--	--	--	0.58
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	370	710	16	380	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	440	610	17	390	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	290	680	13	280	ND@3	2.8	0.958	3.7	8.1	2.63
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	320	810	14	270	ND@3	2.39	1.09	4.9	6.6	1.85
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	200	280	7	260	ND@3	0.05	1.04	4.5	8.5	3.6
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	290	250	12	230	ND@3	8.51	0.979	5.6	8.3	1.22
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	197	167	7.72	175	ND@5	5.3	0.755	2.77	7.96	5.4
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	180	83	5.72	ND@100	ND@5	25.1	0.825	2.23	7.67	0.48

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
MW-11	1/5/11	6	ND@1	ND@1	14	20	11,000	14,000	660	16,000	--	--	--	--	--	--
	3/22/11	4	ND@1	ND@1	7	11	8,800	9,600	440	10,000	--	--	--	--	--	1.54
	4/26/11	2	ND@1	ND@1	3	5	5,800	7,200	300	7,600	--	--	--	--	--	0.25
	5/25/11	1	ND@1	ND@1	1	2	3,900	3,500	200	5,200	--	--	--	--	--	0.26
	6/29/11	ND@5	ND@5	ND@5	ND@15	ND	4,000	4,300	170	4,400	--	--	--	--	--	0.17
	9/22/11	ND@20	ND@20	ND@20	ND@60	ND	3,300	2,300	ND@200	1,900	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	2,200	2,700	91	1,500	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	1,100	1,300	51	1,500	--	--	--	--	--	9.9
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	900	1,100	30	950	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	1,400	2,400	61	1,500	--	--	--	--	--	1.11
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	1,400	2,800	76	1,500	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	1,100	3,700	47	940	--	--	--	--	--	0.6
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	590	1,700	25	690	--	--	--	--	--	0.49
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	450	1,200	21	480	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	640	1,700	26	560	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	330	1,300	14	320	ND@3	85.0	0.61	0.72	7.10	3.20
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	230	170	8	190	ND@3	16.3	1.11	ND@0.5	6.40	1.48
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	92	140	3	130	ND@3	0.161 J	1.06	ND@0.5	6.90	3.40
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	200	330	8	150	ND@3	84.8	0.974	0.68	7.9	1.07
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	120	133	4.3	102	ND@5	67.3	ND@1	ND@5	7.77	5.2
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	89.2	27.1	2.6	ND@100	0.0073	98.9	0.91	ND@5	7.4	0.4
MW-12	1/5/11	ND@1	ND@1	ND@1	ND@3	ND	560	56	20	670	--	--	--	--	--	--
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	420	84	13	340	--	--	--	--	--	1.44
	4/26/11	ND@1	ND@1	ND@1	ND@3	ND	530	94	18	700	--	--	--	--	--	0.24
	5/25/11	ND@1	ND@1	ND@1	ND@3	ND	520	390	17	660	--	--	--	--	--	0.4
	6/29/11	ND@5	ND@5	ND@5	ND@15	ND	540	110	ND@50	610	--	--	--	--	--	0.34
	9/22/11	ND@5	ND@5	ND@5	ND@15	ND	380	ND@100	ND@50	270	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	490	88	14	400	--	--	--	--	--	--
	3/1/12	ND@1	ND@1	ND@1	ND@3	ND	380	120	12	490	--	--	--	--	--	--
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	240	46	ND@10	300	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	220	61	ND@10	240	--	--	--	--	--	--
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	160	32	ND@10	170	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	160	72	ND@10	130	--	--	--	--	--	--
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	140	ND@20	ND@10	150	--	--	--	--	--	--
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	70	ND@20	ND@10	ND@100	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	13	ND@20	ND@10	ND@100	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	15	ND@10	ND@0.8	22	ND@3	33.70	1.37	0.55	8.30	3.21
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	15	ND@10	ND@0.5	ND@20	ND@3	21.70	1.49	ND@0.5	7.10	2.99
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	7	ND@10	ND@0.5	ND@20	ND@3	0.63	1.23	ND@0.5	7.60	4.60
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	10	ND@10	ND@0.5	ND@20	ND@3	15.7	1.41	ND@0.5	7.9	2.06

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

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**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
HW-2	3/16/06															
	6/30/06															*Not Sampled, Well Dry
	9/12/06															*Not Sampled, Well Dry
	12/7/06															*Not Sampled, Well Dry
	3/28/07															*Not Sampled, Well Dry
	6/13/07															*Not Sampled, Well Dry
	9/25/07															*Not Sampled, Well Dry
	12/14/07															*Not Sampled, Well Dry
	3/14/08															*Not Sampled, Well Dry
	6/18/08															*Not Sampled, Well Dry
	9/3/08															*Not Sampled, Well Dry
	12/23/08															*Not Sampled, Well Dry
	3/24/09															*Not Sampled, Well Dry
	6/8/09															*Not Sampled, Well Dry
	9/27/09															*Not Sampled, Well Dry
	12/23/09															*Not Sampled, Well Dry
	3/10/10															*Not Sampled, Well Dry
	6/7/10															*Not Sampled, Well Dry
	7/31/10															*Not Sampled, Well Dry
	8/16/10															*Not Sampled, Well Dry
	9/20/10															*Not Sampled, Well Dry
	10/26/10															*Not Sampled, Well Dry
	11/23/10															*Not Sampled, Well Dry
	12/20/10															*Not Sampled, Well Dry
	2/28/11															*Not Sampled, Well Dry
	3/22/11															*Not Sampled, Well Dry
	6/29/11															*Not Sampled, Well Dry
	9/22/11															*Not Sampled, Well Dry
	12/8/11															*Not Sampled, Well Dry
	3/1/12															*Not Sampled, Well Dry
	6/5/12															*Not Sampled, Well Dry
	9/12/12															*Not Sampled, Well Dry
	12/6/12															*Not Sampled, Well Dry
	3/11/13															*Not Sampled, Well Dry
	6/6/13															*Not Sampled, Well Dry
	9/12/13															*Not Sampled, Well Dry
	12/18/13															*Not Sampled, Well Dry
	3/19/14															*Not Sampled, Well Dry
	6/16/14															Well abandoned on 6/30/14

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
HW-3	1/23/07	2	ND@1	ND@1	ND@3	2	<b>6,600</b>	230	250	<b>510</b>	--	--	--	--	--	--
	3/28/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--
	6/22/07	4	ND@1	ND@1	3	7	<b>5,800</b>	440	380	<b>900</b>	--	--	--	--	--	--
	9/25/07	<b>6</b>	ND@1	ND@1	4	10	<b>E 7,200</b>	E 730	E 660	<b>1,600</b>	--	--	--	--	--	--
	12/14/07	4	ND@1	ND@1	2	6	<b>E 6,300</b>	E 470	E 600	<b>1,100</b>	--	--	--	--	--	--
	3/14/08	ND@50	ND@50	ND@50	ND@350	ND	<b>7,100</b>	ND@500	ND@500	<b>9,000</b>	--	--	--	--	--	--
	6/18/08	ND@50	ND@50	ND@50	ND@350	ND	<b>7,700</b>	ND@1000	ND@500	<b>1,500</b>	--	--	--	--	--	--
	9/3/08	5	ND@1	ND@1	3	8	<b>6,500</b>	E 750	E 750	<b>3,100</b>	--	--	--	--	--	--
	12/27/08	ND@10	ND@10	ND@10	ND@30	ND	<b>7,600</b>	530	590	<b>2,700</b>	--	--	--	--	--	--
	3/24/09	2	ND@1	ND@1	1	3	<b>9,000</b>	790	660	<b>1,500</b>	--	--	--	--	--	--
	6/8/09	2	ND@1	ND@1	ND@3	2	<b>7,000</b>	490	600	<b>2,500</b>	--	--	--	--	--	--
	9/27/09	1	ND@1	ND@1	ND@3	1	<b>6,600</b>	380	510	<b>10,000</b>	--	--	--	--	--	--
	12/23/09	ND@1	ND@1	ND@1	ND@3	ND	<b>3,800</b>	230	310	<b>4,700</b>	--	--	--	--	--	--
	3/10/10	ND@1	ND@1	ND@1	ND@3	ND	<b>3,400</b>	880	240	<b>4,300</b>	--	--	--	--	--	--
	5/6/10	ND@1	ND@1	ND@1	ND@3	ND	<b>3,000</b>	900	230	<b>4,000</b>	--	--	--	--	--	--
	6/7/10	ND@1	ND@1	ND@1	ND@3	ND	<b>1,400</b>	370	110	<b>1,400</b>	--	--	--	--	--	--
	7/31/10	ND@1	ND@1	ND@1	ND@3	ND	<b>4,900</b>	580	420	<b>7,000</b>	--	--	--	--	--	0.18
	8/16/10	1	ND@1	ND@1	ND@3	ND	<b>5,900</b>	740	490	<b>8,600</b>	--	--	--	--	--	0.17
	9/20/10	ND@1	ND@1	ND@1	ND@3	ND	<b>490</b>	54	34	<b>590</b>	--	--	--	--	--	0.44
	10/26/10	ND@1	ND@1	ND@1	ND@3	ND	<b>3,900</b>	580	330	<b>4,500</b>	--	--	--	--	--	0.14
	11/23/10	ND@1	ND@1	ND@1	ND@3	ND	<b>4,400</b>	760	350	<b>5,200</b>	--	--	--	--	--	0.28
	12/20/10	ND@1	ND@1	ND@1	ND@3	ND	<b>6,500</b>	1,200	440	<b>7,400</b>	--	--	--	--	--	0.54
	2/28/11	ND@1	ND@1	ND@1	ND@3	ND	<b>4,600</b>	930	410	<b>5,900</b>	--	--	--	--	--	0.76
	3/22/11	ND@1	ND@1	ND@1	ND@3	ND	<b>4,500</b>	1,400	290	<b>4,200</b>	--	--	--	--	--	0.73
	6/29/11	ND@5	ND@5	ND@5	ND@15	ND	<b>5,600</b>	1,000	330	<b>7,300</b>	--	--	--	--	--	0.4
	9/22/11	ND@20	ND@20	ND@20	ND@60	ND	<b>3,200</b>	940	ND@200	<b>2,700</b>	--	--	--	--	--	--
	12/8/11	ND@1	ND@1	ND@1	ND@3	ND	<b>3,100</b>	1,100	170	<b>2,800</b>	--	--	--	--	--	--

**Table 2**  
**Monitoring Well Groundwater Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Methane (µg/L)	Iron (mg/L)	Sulfur (mg/L)	Kjeldahl Nitrogen (mg/L)	Total Nitrate/Nitrite Nitrogen (mg/L)	DO (mg/L)
HW-3 continued	3/1/12															
	6/5/12	ND@1	ND@1	ND@1	ND@3	ND	<b>3,600</b>	1,200	210	<b>3,900</b>	--	--	--	--	--	--
	9/12/12	ND@1	ND@1	ND@1	ND@3	ND	<b>3,600</b>	1,800	160	<b>3,600</b>	--	--	--	--	--	1.75
	12/6/12	ND@1	ND@1	ND@1	ND@3	ND	<b>940</b>	460	49	<b>960</b>	--	--	--	--	--	--
	3/11/13	ND@1	ND@1	ND@1	ND@3	ND	<b>500</b>	190	24	<b>510</b>	--	--	--	--	--	0.4
	6/6/13	ND@1	ND@1	ND@1	ND@3	ND	<b>1,100</b>	450	52	<b>1,200</b>	--	--	--	--	--	0.6
	9/12/13	ND@1	ND@1	ND@1	ND@3	ND	<b>1,000</b>	950	38	<b>810</b>	--	--	--	--	--	--
	12/18/13	ND@1	ND@1	ND@1	ND@3	ND	<b>620</b>	480	21	<b>440</b>	--	--	--	--	--	--
	3/19/14	ND@0.5	ND@0.7	ND@0.8	ND@1.6	ND	<b>490</b>	570	21	<b>570</b>	ND@3	1.28	5.84	71	35.9	4.57
	6/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>280</b>	470	11	<b>220</b>	ND@3	2.1	6.23	42.2	20	4.25
	9/26/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>450</b>	650	17	<b>530</b>	ND@3	0.255	4.04	41.1	22.3	3.3
	12/8/14	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>460</b>	650	21	<b>440</b>	ND@3	0.836	5.07	47.9	20.2	1.08
	3/24/15	ND@1	ND@1	ND@1	ND@2	ND	<b>239</b>	369	9.75	<b>212</b>	ND@5	1.55	4.2	24.6	15.7	5.2
	6/23/15	ND@1	ND@1	ND@1	ND@2	ND	<b>222</b>	307	8.17	ND@100	ND@5	0.878	4.58	20	15.2	0.2
<b>MDE CLEANUP STD</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>10,000</b>		<b>20</b>			<b>47</b>							

BTEX - Total Benzene, Toluene, Ethylbenzene and Xylenes

ND@x - not detected above laboratory detection level of x

MTBE - methyl tert-butyl ether

ND - not detected

µg/L - micrograms-per-liter

-- - not analyzed

mg/L - milligrams-per-liter

E - estimated value, exceeds calibration range of laboratory equipment

\* Well not sampled due to insufficient amount of water

LF - lighter fuel/oil pattern observed in sample

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

**Table 3**  
**On-Site Potable Well Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	BTEX	MTBE	TBA	TAME
Influent	8/23/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>26</b>	ND@10	ND@0.5
	9/22/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>22</b>	ND@10	ND@0.5
	10/21/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>30</b>	ND@10	ND@0.5
	11/18/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>18</b>	ND@10	ND@0.5
	12/16/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>41</b>	ND@10	ND@0.5
	2/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>26</b>	ND@10	ND@0.5
	3/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>24</b>	ND@10	ND@0.5
	4/28/2005	ND@0.5	3.6	ND@0.5	ND@1	ND	<b>22</b>	ND@10	ND@0.5
	6/3/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>21</b>	ND@10	ND@0.5
	7/22/2005	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	15.7	ND@10	ND@5
	8/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>19</b>	ND@10	ND@0.5
	9/14/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>12</b>	ND@10	ND@0.5
	10/11/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>23</b>	ND@10	ND@0.5
	11/22/2005	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>17</b>	ND@5	ND@5
	1/16/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>16</b>	ND@10	ND@0.5
	3/16/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>18</b>	11	ND@5
	4/12/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>13</b>	ND@10	ND@5
	6/30/2006	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>16</b>	7	ND@5
	9/12/2006	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>8</b>	ND@10	ND@5
	12/7/2006	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@10
	1/15/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>14</b>	ND@10	ND@0.5
	2/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>14</b>	ND@10	ND@0.5
	3/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>12</b>	ND@10	ND@0.5
	4/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>12</b>	ND@10	ND@0.5
	5/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>16</b>	ND@10	ND@10
	7/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>4</b>	ND@10	ND@10
	7/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>3.4</b>	ND@10	ND@10
	8/7/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>3.7</b>	ND@10	ND@10
	9/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2.4</b>	ND@10	ND@10
	10/2/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>3</b>	ND@10	ND@0.5
	11/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>4.3</b>	ND@10	ND@0.5
	12/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>4.9</b>	ND@10	ND@0.5
	1/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>5.6</b>	ND@10	ND@0.5
	2/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>5.9</b>	ND@10	ND@0.5
	3/12/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>6.1</b>	ND@10	ND@0.5
	4/1/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>4.6</b>	ND@10	ND@0.5
	5/5/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>6.3</b>	ND@11	ND@0.5
	6/10/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2.5</b>	ND@10	ND@0.5
	7/15/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2.3</b>	ND@10	ND@0.5
	8/14/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/9/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.5</b>	ND@10	ND@0.5
	11/11/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.6</b>	ND@10	ND@0.5
	12/16/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2.8</b>	ND@10	ND@0.5
	1/13/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2.3</b>	ND@10	ND@0.5
	2/3/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/19/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2</b>	ND@10	ND@0.5
	4/14/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.1</b>	ND@10	ND@0.5
	5/5/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.3</b>	ND@10	ND@0.5
	6/4/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.4</b>	ND@10	ND@0.5
	7/1/2009	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.0</b>	ND@10	ND@0.5
	9/30/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/29/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/11/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/14/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.8</b>	ND@10	ND@0.5
	2/17/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.4</b>	ND@10	ND@0.5
	3/11/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.7</b>	ND@10	ND@0.5
	5/26/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/31/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.51</b>	ND@10	ND@0.5
	6/25/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/18/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/13/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/26/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.7</b>	ND@10	ND@0.5
	9/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.95</b>	ND@10	ND@0.5
	12/13/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>1.2</b>	ND@10	ND@0.5
	3/10/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/25/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.56</b>	ND@10	ND@0.5
	8/28/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.53</b>	ND@10	ND@0.5
	12/5/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/23/2015	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/17/2015	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@11	ND@0.6

**Table 3**  
**On-Site Potable Well Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	BTEX	MTBE	TBA	TAME
GAC 1 MID 1	8/23/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>26</b>	ND@10	ND@0.5
	9/22/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	10/21/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	11/18/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	12/16/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	2/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	3/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>2.6</b>	ND@10	ND@0.5
	4/28/2005	ND@0.5	3.7	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	6/3/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	7/22/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	8/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	9/14/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>0.8</b>	ND@10	ND@5
	10/11/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>1</b>	ND@10	ND@5
	1/16/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>8</b>	ND@10	ND@5
	4/12/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	<b>17</b>	ND@10	ND@5
	1/15/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@5
	2/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2.1</b>	ND@10	ND@0.5
	3/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>2.2</b>	ND@10	ND@0.5
	4/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>5.6</b>	ND@10	ND@0.5
	5/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>4.3</b>	ND@10	ND@0.5
	7/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>5.4</b>	ND@10	ND@0.5
	8/7/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>6.1</b>	ND@10	ND@0.5
	9/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/2/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	11/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/12/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.7</b>	ND@10	ND@0.5
	4/1/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/1/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/10/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/15/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/14/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.5</b>	ND@10	ND@0.5
	10/9/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.6</b>	ND@10	ND@0.5
	11/11/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/16/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/13/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/3/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/19/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	4/14/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/5/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/4/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/1/2009	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/30/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/29/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/11/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/14/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/17/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/11/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/26/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/31/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/25/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/18/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/13/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/26/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	<b>0.77</b>	ND@10	ND@0.5
	12/13/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/10/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/25/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/28/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/5/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/23/2015	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/17/2018	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5

**Table 3**  
**On-Site Potable Well Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	BTEX	MTBE	TBA	TAME
GAC 2 MID 2	8/23/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	9/22/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	10/21/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	11/18/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	12/16/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	2/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	3/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	0.6	ND@10	ND@0.5
	4/28/2005	ND@0.5	3.8	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	6/3/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	7/22/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@5	ND@5
	8/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	9/14/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	10/11/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	1/16/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	4/12/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	1/15/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	4/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/7/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	2.1	ND@10	ND@0.5
	10/2/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	1.4	ND@10	ND@0.5
	11/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.7	ND@10	ND@0.5
	12/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.8	ND@10	ND@0.5
	1/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.7	ND@10	ND@0.5
	2/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.6	ND@10	ND@0.5
	3/12/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.5	ND@10	ND@0.5
	4/1/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.7	ND@10	ND@0.5
	5/1/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.9	ND@10	ND@0.5
	6/10/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.7	ND@10	ND@0.5
	7/15/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/14/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/9/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.6	ND@10	ND@0.5
	11/11/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.5	ND@10	ND@0.5
	12/16/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/13/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/3/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/19/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	4/14/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/5/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/4/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/1/2009	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/30/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/29/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/11/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/14/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/17/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/11/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/26/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/31/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/25/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/18/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/13/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/26/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/13/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/10/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/25/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/28/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/5/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/23/2015	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/17/2015	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5

**Table 3**  
**On-Site Potable Well Analytical Results**  
 7-Eleven Store No. 22281  
 Fallston, Maryland

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	BTEX	MTBE	TBA	TAME
Effluent Final	8/23/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	9/22/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	10/21/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	11/18/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	12/16/2004	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	2/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	3/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	4/28/2005	ND@0.5	6.2	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	6/3/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	7/22/2005	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@5	ND@5
	8/10/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	9/14/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	10/11/2005	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	11/22/2005	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@5	ND@5
	1/16/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@0.5
	3/16/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@5	ND@5
	4/12/2006	ND@0.5	ND@0.5	ND@0.5	ND@1	ND	ND@0.5	ND@10	ND@5
	6/30/2006	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@5	ND@5
	9/12/2006	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@5	ND@5
	12/7/2006	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@10
	1/15/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/27/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	4/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	4/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/30/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/7/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/2/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	11/6/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/4/2007	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/8/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/12/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	4/12/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/1/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/10/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/15/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/14/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/9/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	11/11/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/16/2008	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/13/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/3/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/19/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	4/14/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/5/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/4/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	7/1/2009	NA	NA	NA	NA	NA	NA	NA	NA
	8/27/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/30/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	10/29/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/11/2009	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/14/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/17/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/11/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	5/26/2010	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	1/31/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/25/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/18/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/13/2012	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	2/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/26/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	9/25/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/13/2013	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/10/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/25/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	8/28/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	12/5/2014	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	3/23/2015	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5
	6/17/2015	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@0.5

BTEX - Total Benzene, Toluene, Ethylbenzene and Xylenes

MTBE - methyl tert-butyl ether

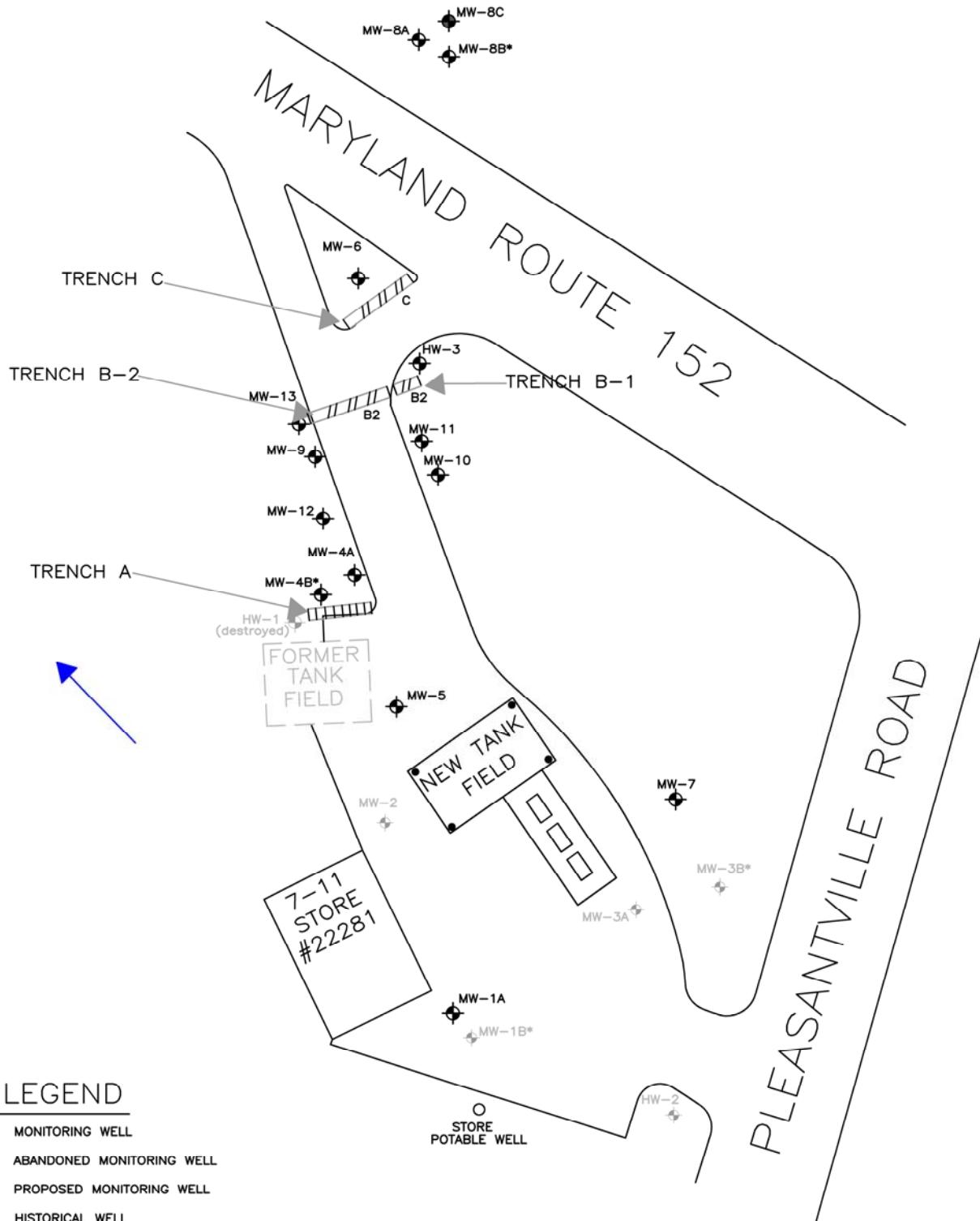
TBA - tert-butanol      TAME - tert-amyl methyl ether

NA - Not Analyzed

NOTE: June 2007 sample was collected on July 6, 2007

All units micrograms-per liter ( $\mu\text{g/L}$ )

## **FIGURES**



#### LEGEND

- MONITORING WELL
- ✖ ABANDONED MONITORING WELL
- ◆ PROPOSED MONITORING WELL
- ◆ HISTORICAL WELL
- TANK FIELD WELL
- \* DEEP WELL (NOT INCLUDED IN CONTOURS)
- GROUNDWATER FLOW DIRECTION
- [ ] TRENCH INSTALLED AUGUST 20, 2012
- [ ] EXISTING TRENCH

SITE PLAN  
JUNE 23, 2015

7-ELEVEN Inc.  
STORE No. 22281  
2400 PLEASANTVILLE ROAD  
FALLSTON, MARYLAND

FIGURE 1



APPROX. SCALE: FT

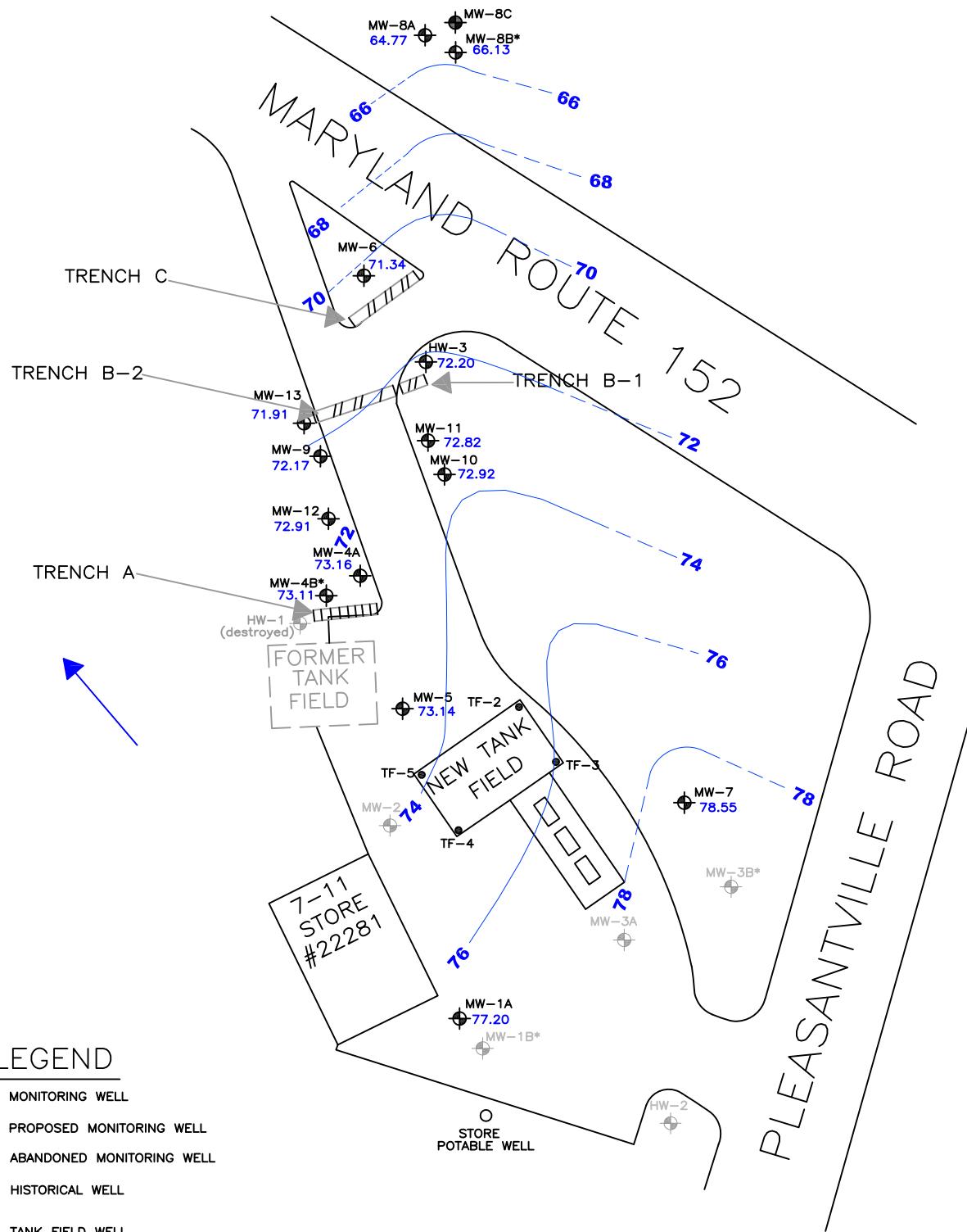
40 0 40

Drawn By: JP

Reviewed By: RA

Project No.: 60144763

AECOM



#### LEGEND

- MONITORING WELL
- PROPOSED MONITORING WELL
- ABANDONED MONITORING WELL
- HW HISTORICAL WELL
- TANK FIELD WELL
- DEEP WELL

— GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

— GROUNDWATER FLOW DIRECTION

— TRENCH INSTALLED AUGUST 8, 2012

— EXISTING TRENCH

NC NOT CONTOURED



APPROX. SCALE: FT

40

0

40

GROUNDWATER ELEVATION MAP  
JUNE 23, 2015

7-ELEVEN Inc.  
STORE No. 22281  
2400 PLEASANTVILLE ROAD  
FALLSTON, MARYLAND

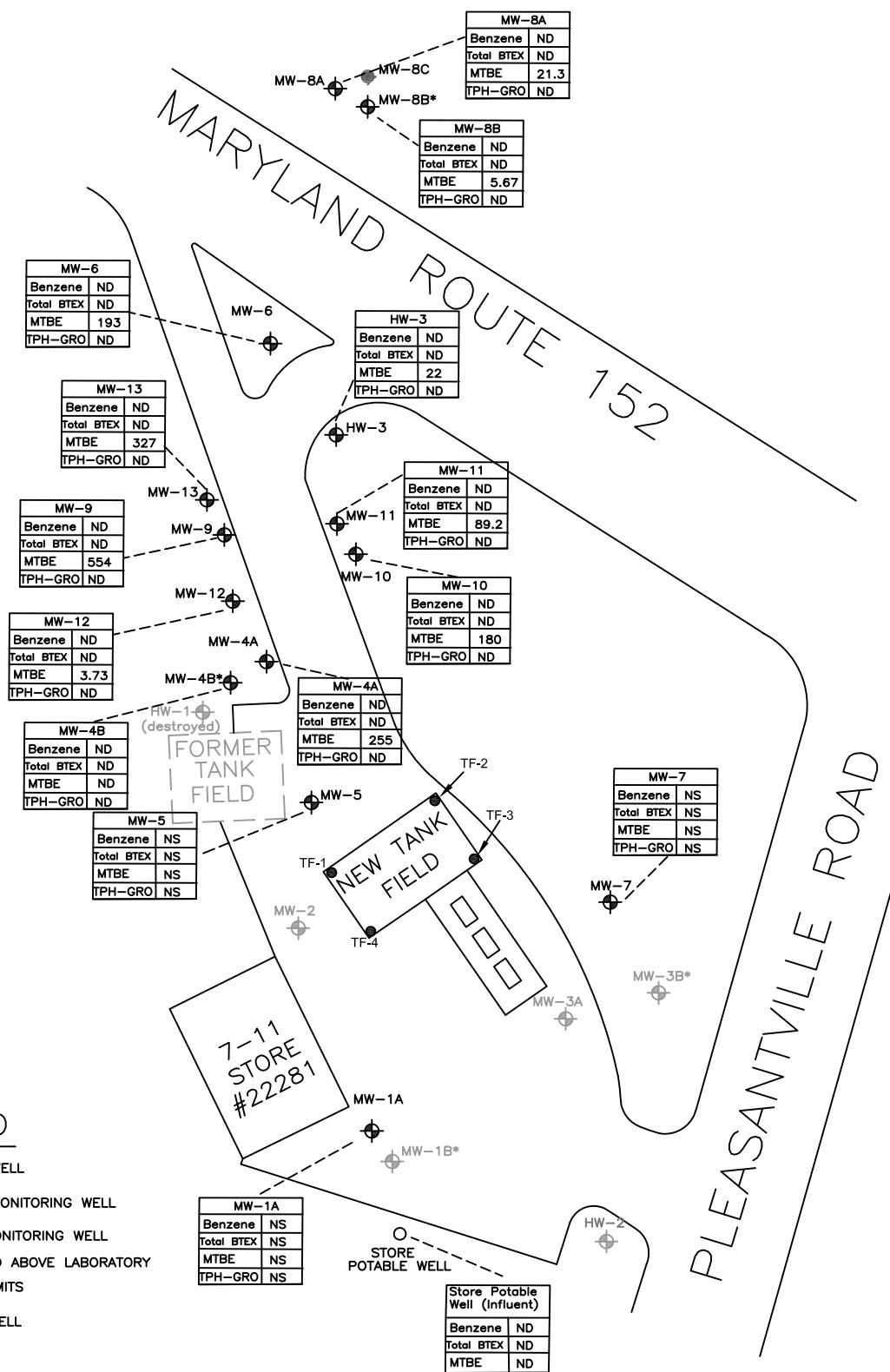
FIGURE 2

AECOM

Drawn By: JP

Reviewed By: RA

Project No.: 60144763



### LEGEND

- MONITORING WELL
- ABANDONED MONITORING WELL
- PROPOSED MONITORING WELL
- ND NOT DETECTED ABOVE LABORATORY DETECTION LIMITS
- HW HISTORICAL WELL
- \* DEEP WELL
- TANK FIELD WELL

MTBE Methyl tert-butyl ether

BTEX Total Benzene, Toluene, Ethylbenzene and Xylenes

TPH-GRO Total Petroleum Hydrocarbons – Gasoline-range Organics

NS NOT SAMPLED

ALL RESULTS REPORTED AS ug/L-MICROGRAMS PER LITER



APPROX. SCALE: FT

40

0

40

### GROUNDWATER CONCENTRATIONS

JUNE 23, 2015

7-ELEVEN Inc.  
STORE No. 22281  
2400 PLEASANTVILLE ROAD  
FALLSTON, MARYLAND

FIGURE 3

AECOM

Drawn By: JP

Reviewed By: RA

Project No.: 60144763

**ATTACHMENT A**  
**Laboratory Analytical Results (Groundwater)**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Drive

Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-81391-1

TestAmerica SDG: 2400 Pleasantville Road, Fallston, MD

Client Project/Site: 22281.Fallston.EL

For:

AECOM

8000 Virginia Manor Road

Suite 110

Beltsville, Maryland 20705

Attn: Ms. Rachael Allen



Authorized for release by:

7/6/2015 9:33:57 AM

Sherry Salomon, Manager of Project Management Assistants

(615)301-5033

[sherry.salomon@testamericainc.com](mailto:sherry.salomon@testamericainc.com)

### LINKS

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[www.testamericainc.com](http://www.testamericainc.com)

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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## Sample Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
490-81391-1	MW 4A	Water	06/23/15 11:35	06/25/15 08:30	1
490-81391-2	MW 4B	Water	06/23/15 12:30	06/25/15 08:30	2
490-81391-3	MW 6	Water	06/23/15 15:15	06/25/15 08:30	3
490-81391-4	MW 8A	Water	06/23/15 16:25	06/25/15 08:30	4
490-81391-5	MW 8B	Water	06/23/15 15:45	06/25/15 08:30	5
490-81391-6	MW 9	Water	06/23/15 13:00	06/25/15 08:30	6
490-81391-7	MW 10	Water	06/23/15 14:20	06/25/15 08:30	7
490-81391-8	MW 11	Water	06/23/15 14:00	06/25/15 08:30	8
490-81391-9	MW 12	Water	06/23/15 12:14	06/25/15 08:30	9
490-81391-10	MW 13	Water	06/23/15 13:10	06/25/15 08:30	10
490-81391-11	HW 3	Water	06/23/15 14:50	06/25/15 08:30	11

TestAmerica Nashville

# Case Narrative

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Job ID: 490-81391-1

### Laboratory: TestAmerica Nashville

#### Narrative

#### Job Narrative 490-81391-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/25/2015 at 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7° C.

#### GC/MS VOA

Method(s) 8260B: Internal standard (ISTD) responses for the following samples were outside of acceptance limits: MW 9 (490-81391-6) and MW 13 (490-81391-10). The affected internal standards are not associated with the reported analytes; therefore, the samples were not re-analyzed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC VOA

Method(s) 8015C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analysis batch 259628.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

Method(s) 351.2: The following sample was digested at a reduced volume due to the nature of the sample matrix: MW 11 (490-81391-8). Elevated reporting limits (RLs) are provided.

Method(s) 353.2: Due to the high concentration of Nitrate-Nitrite as N, the matrix spike/matrix spike duplicate (MS/MSD) for analysis batch 259846 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 353.2: Due to the high concentration of Nitrate-Nitrite as N, the matrix spike/matrix spike duplicate (MS/MSD) for analysis batch 259878 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Definitions/Glossary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
*	ISTD response or retention time outside acceptable limits
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.

### General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

## Glossary

### Abbreviation

**These commonly used abbreviations may or may not be present in this report.**

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 4A**  
**Date Collected: 06/23/15 11:35**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-1**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 19:40	1
Benzene	ND		1.00		ug/L			06/26/15 19:40	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 19:40	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 19:40	1
Bromoform	ND		1.00		ug/L			06/26/15 19:40	1
Bromomethane	ND		1.00		ug/L			06/26/15 19:40	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 19:40	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 19:40	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 19:40	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 19:40	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 19:40	1
Chloroethane	ND		1.00		ug/L			06/26/15 19:40	1
<b>Chloroform</b>	<b>11.3</b>		1.00		ug/L			06/26/15 19:40	1
Chloromethane	ND		1.00		ug/L			06/26/15 19:40	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 19:40	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 19:40	1
Cyclohexane	ND		5.00		ug/L			06/26/15 19:40	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 19:40	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 19:40	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 19:40	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 19:40	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 19:40	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 19:40	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 19:40	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 19:40	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 19:40	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 19:40	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 19:40	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 19:40	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 19:40	1
Freon 113	ND		1.00		ug/L			06/26/15 19:40	1
2-Hexanone	ND		10.0		ug/L			06/26/15 19:40	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 19:40	1
Methyl acetate	ND		10.0		ug/L			06/26/15 19:40	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 19:40	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 19:40	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 19:40	1
<b>Methyl tert-butyl ether</b>	<b>255</b>		5.00		ug/L			06/27/15 19:48	5
Naphthalene	ND		5.00		ug/L			06/26/15 19:40	1
Styrene	ND		1.00		ug/L			06/26/15 19:40	1
<b>Tert-amyl methyl ether</b>	<b>7.60</b>		1.00		ug/L			06/26/15 19:40	1
<b>tert-Butyl alcohol (TBA)</b>	<b>51.5</b>		10.0		ug/L			06/26/15 19:40	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 19:40	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 19:40	1
Toluene	ND		1.00		ug/L			06/26/15 19:40	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 19:40	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 19:40	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 19:40	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 19:40	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 4A**  
**Date Collected: 06/23/15 11:35**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-1**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 19:40	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 19:40	1
Trichloroethene	ND		1.00		ug/L			06/26/15 19:40	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 19:40	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 19:40	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 19:40	1
o-Xylene	ND		1.00		ug/L			06/26/15 19:40	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 19:40	1
<hr/>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130					06/26/15 19:40	1
4-Bromofluorobenzene (Surr)	99		70 - 130					06/27/15 19:48	5
Dibromofluoromethane (Surr)	107		70 - 130					06/26/15 19:40	1
Dibromofluoromethane (Surr)	101		70 - 130					06/27/15 19:48	5
1,2-Dichloroethane-d4 (Surr)	98		70 - 130					06/26/15 19:40	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 130					06/27/15 19:48	5
Toluene-d8 (Surr)	102		70 - 130					06/26/15 19:40	1
Toluene-d8 (Surr)	101		70 - 130					06/27/15 19:48	5

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/26/15 20:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	79		50 - 150					06/26/15 20:51	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00500		mg/L			06/27/15 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Acetylene (Surr)	83		62 - 124					06/27/15 14:35	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.615		0.100		mg/L		06/26/15 18:20	06/27/15 14:45	1
Sulfur	0.362		0.250		mg/L		06/26/15 18:20	06/27/15 14:45	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	3.30		0.250		mg/L		06/28/15 17:50	06/29/15 10:18	1
Nitrate Nitrite as N	8.93		0.200		mg/L			06/26/15 17:21	2

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 4B**  
**Date Collected: 06/23/15 12:30**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-2**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 20:07	1
Benzene	ND		1.00		ug/L			06/26/15 20:07	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 20:07	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 20:07	1
Bromoform	ND		1.00		ug/L			06/26/15 20:07	1
Bromomethane	ND		1.00		ug/L			06/26/15 20:07	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 20:07	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 20:07	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 20:07	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 20:07	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 20:07	1
Chloroethane	ND		1.00		ug/L			06/26/15 20:07	1
Chloroform	ND		1.00		ug/L			06/26/15 20:07	1
Chloromethane	ND		1.00		ug/L			06/26/15 20:07	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 20:07	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 20:07	1
Cyclohexane	ND		5.00		ug/L			06/26/15 20:07	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 20:07	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 20:07	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 20:07	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 20:07	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 20:07	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 20:07	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 20:07	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 20:07	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 20:07	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 20:07	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 20:07	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 20:07	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 20:07	1
Freon 113	ND		1.00		ug/L			06/26/15 20:07	1
2-Hexanone	ND		10.0		ug/L			06/26/15 20:07	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 20:07	1
Methyl acetate	ND		10.0		ug/L			06/26/15 20:07	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 20:07	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 20:07	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 20:07	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/26/15 20:07	1
Naphthalene	ND		5.00		ug/L			06/26/15 20:07	1
Styrene	ND		1.00		ug/L			06/26/15 20:07	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/26/15 20:07	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/26/15 20:07	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 20:07	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 20:07	1
Toluene	ND		1.00		ug/L			06/26/15 20:07	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 20:07	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 20:07	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 20:07	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 20:07	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 4B**  
**Date Collected: 06/23/15 12:30**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-2**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 20:07	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 20:07	1
Trichloroethene	ND		1.00		ug/L			06/26/15 20:07	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 20:07	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 20:07	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 20:07	1
o-Xylene	ND		1.00		ug/L			06/26/15 20:07	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 20:07	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	93		70 - 130					06/26/15 20:07	1
Dibromofluoromethane (Surr)	109		70 - 130					06/26/15 20:07	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 130					06/26/15 20:07	1
Toluene-d8 (Surr)	100		70 - 130					06/26/15 20:07	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/26/15 21:28	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	77		50 - 150					06/26/15 21:28	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.00917		0.00500		mg/L			06/27/15 14:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Acetylene (Surr)	84		62 - 124					06/27/15 14:51	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.171		0.100		mg/L		06/26/15 18:20	06/27/15 14:49	1
Sulfur	2.36		0.250		mg/L		06/26/15 18:20	06/27/15 14:49	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	ND	F1	0.250		mg/L		06/28/15 17:50	06/29/15 10:19	1
Nitrate Nitrite as N	11.3		0.500		mg/L			06/27/15 10:55	5

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 6**

Date Collected: 06/23/15 15:15  
Date Received: 06/25/15 08:30

**Lab Sample ID: 490-81391-3**

Matrix: Water

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 22:23	1
Benzene	ND		1.00		ug/L			06/26/15 22:23	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 22:23	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 22:23	1
Bromoform	ND		1.00		ug/L			06/26/15 22:23	1
Bromomethane	ND		1.00		ug/L			06/26/15 22:23	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 22:23	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 22:23	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 22:23	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 22:23	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 22:23	1
Chloroethane	ND		1.00		ug/L			06/26/15 22:23	1
<b>Chloroform</b>	<b>1.23</b>		1.00		ug/L			06/26/15 22:23	1
Chloromethane	ND		1.00		ug/L			06/26/15 22:23	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 22:23	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 22:23	1
Cyclohexane	ND		5.00		ug/L			06/26/15 22:23	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 22:23	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 22:23	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 22:23	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 22:23	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 22:23	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 22:23	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 22:23	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 22:23	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 22:23	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 22:23	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 22:23	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 22:23	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 22:23	1
Freon 113	ND		1.00		ug/L			06/26/15 22:23	1
2-Hexanone	ND		10.0		ug/L			06/26/15 22:23	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 22:23	1
Methyl acetate	ND		10.0		ug/L			06/26/15 22:23	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 22:23	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 22:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 22:23	1
<b>Methyl tert-butyl ether</b>	<b>193</b>		1.00		ug/L			06/26/15 22:23	1
Naphthalene	ND		5.00		ug/L			06/26/15 22:23	1
Styrene	ND		1.00		ug/L			06/26/15 22:23	1
<b>Tert-amyl methyl ether</b>	<b>5.89</b>		1.00		ug/L			06/26/15 22:23	1
<b>tert-Butyl alcohol (TBA)</b>	<b>19.4</b>		10.0		ug/L			06/26/15 22:23	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 22:23	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 22:23	1
Toluene	ND		1.00		ug/L			06/26/15 22:23	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 22:23	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 22:23	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 22:23	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 22:23	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 6**

Date Collected: 06/23/15 15:15  
Date Received: 06/25/15 08:30

**Lab Sample ID: 490-81391-3**

Matrix: Water

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 22:23	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 22:23	1
Trichloroethene	ND		1.00		ug/L			06/26/15 22:23	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 22:23	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 22:23	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 22:23	1
o-Xylene	ND		1.00		ug/L			06/26/15 22:23	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 22:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	99		70 - 130					06/26/15 22:23	1
Dibromofluoromethane (Surr)	109		70 - 130					06/26/15 22:23	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 130					06/26/15 22:23	1
Toluene-d8 (Surr)	97		70 - 130					06/26/15 22:23	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/26/15 22:06	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	78		50 - 150					06/26/15 22:06	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.00771		0.00500		mg/L			06/27/15 14:53	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Acetylene (Surr)	85		62 - 124					06/27/15 14:53	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	6.15		0.100		mg/L		06/26/15 18:20	06/27/15 14:54	1
Sulfur	6.36		0.250		mg/L		06/26/15 18:20	06/27/15 14:54	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	18.8		1.25		mg/L		06/28/15 17:50	06/29/15 10:33	5
Nitrate Nitrite as N	14.6		0.500		mg/L			06/26/15 17:25	5

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 8A**  
**Date Collected: 06/23/15 16:25**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-4**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 20:34	1
Benzene	ND		1.00		ug/L			06/26/15 20:34	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 20:34	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 20:34	1
Bromoform	ND		1.00		ug/L			06/26/15 20:34	1
Bromomethane	ND		1.00		ug/L			06/26/15 20:34	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 20:34	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 20:34	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 20:34	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 20:34	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 20:34	1
Chloroethane	ND		1.00		ug/L			06/26/15 20:34	1
Chloroform	ND		1.00		ug/L			06/26/15 20:34	1
Chloromethane	ND		1.00		ug/L			06/26/15 20:34	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 20:34	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 20:34	1
Cyclohexane	ND		5.00		ug/L			06/26/15 20:34	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 20:34	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 20:34	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 20:34	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 20:34	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 20:34	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 20:34	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 20:34	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 20:34	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 20:34	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 20:34	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 20:34	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 20:34	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 20:34	1
Freon 113	ND		1.00		ug/L			06/26/15 20:34	1
2-Hexanone	ND		10.0		ug/L			06/26/15 20:34	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 20:34	1
Methyl acetate	ND		10.0		ug/L			06/26/15 20:34	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 20:34	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 20:34	1
<b>Methyl tert-butyl ether</b>	<b>21.3</b>		1.00		ug/L			06/26/15 20:34	1
Naphthalene	ND		5.00		ug/L			06/26/15 20:34	1
Styrene	ND		1.00		ug/L			06/26/15 20:34	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/26/15 20:34	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/26/15 20:34	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 20:34	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 20:34	1
Toluene	ND		1.00		ug/L			06/26/15 20:34	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 20:34	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 20:34	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 20:34	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 20:34	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 8A**  
**Date Collected: 06/23/15 16:25**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-4**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 20:34	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 20:34	1
Trichloroethene	ND		1.00		ug/L			06/26/15 20:34	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 20:34	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 20:34	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 20:34	1
o-Xylene	ND		1.00		ug/L			06/26/15 20:34	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 20:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	96		70 - 130					06/26/15 20:34	1
Dibromofluoromethane (Surr)	109		70 - 130					06/26/15 20:34	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 130					06/26/15 20:34	1
Toluene-d8 (Surr)	99		70 - 130					06/26/15 20:34	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/26/15 22:43	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	78		50 - 150					06/26/15 22:43	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.00811		0.00500		mg/L			06/27/15 14:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Acetylene (Surr)	77		62 - 124					06/27/15 14:56	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	5.76		0.100		mg/L		06/26/15 18:20	06/27/15 14:58	1
Sulfur	3.82		0.250		mg/L		06/26/15 18:20	06/27/15 14:58	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	0.780		0.250		mg/L		06/28/15 17:50	06/29/15 10:26	1
Nitrate Nitrite as N	15.4		0.500		mg/L			06/26/15 17:26	5

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 8B**  
**Date Collected: 06/23/15 15:45**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-5**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 21:01	1
Benzene	ND		1.00		ug/L			06/26/15 21:01	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 21:01	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 21:01	1
Bromoform	ND		1.00		ug/L			06/26/15 21:01	1
Bromomethane	ND		1.00		ug/L			06/26/15 21:01	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 21:01	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 21:01	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 21:01	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 21:01	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 21:01	1
Chloroethane	ND		1.00		ug/L			06/26/15 21:01	1
Chloroform	ND		1.00		ug/L			06/26/15 21:01	1
Chloromethane	ND		1.00		ug/L			06/26/15 21:01	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 21:01	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 21:01	1
Cyclohexane	ND		5.00		ug/L			06/26/15 21:01	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 21:01	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 21:01	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:01	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:01	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:01	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 21:01	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 21:01	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 21:01	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 21:01	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 21:01	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 21:01	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 21:01	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 21:01	1
Freon 113	ND		1.00		ug/L			06/26/15 21:01	1
2-Hexanone	ND		10.0		ug/L			06/26/15 21:01	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 21:01	1
Methyl acetate	ND		10.0		ug/L			06/26/15 21:01	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 21:01	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 21:01	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 21:01	1
<b>Methyl tert-butyl ether</b>	<b>5.67</b>		1.00		ug/L			06/26/15 21:01	1
Naphthalene	ND		5.00		ug/L			06/26/15 21:01	1
Styrene	ND		1.00		ug/L			06/26/15 21:01	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/26/15 21:01	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/26/15 21:01	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 21:01	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 21:01	1
Toluene	ND		1.00		ug/L			06/26/15 21:01	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 21:01	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 21:01	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 21:01	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 21:01	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 8B**  
**Date Collected: 06/23/15 15:45**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-5**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 21:01	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 21:01	1
Trichloroethene	ND		1.00		ug/L			06/26/15 21:01	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 21:01	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 21:01	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 21:01	1
o-Xylene	ND		1.00		ug/L			06/26/15 21:01	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 21:01	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	97		70 - 130					06/26/15 21:01	1
Dibromofluoromethane (Surr)	109		70 - 130					06/26/15 21:01	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 130					06/26/15 21:01	1
Toluene-d8 (Surr)	99		70 - 130					06/26/15 21:01	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/26/15 23:20	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	78		50 - 150					06/26/15 23:20	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00500		mg/L			06/27/15 14:58	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Acetylene (Surr)	74		62 - 124					06/27/15 14:58	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.972		0.100		mg/L		06/26/15 18:20	06/27/15 15:02	1
Sulfur	3.52		0.250		mg/L		06/26/15 18:20	06/27/15 15:02	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	0.316		0.250		mg/L		06/28/15 17:50	06/29/15 10:27	1
Nitrate Nitrite as N	9.41		0.200		mg/L			06/26/15 17:27	2

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 9**

Date Collected: 06/23/15 13:00  
Date Received: 06/25/15 08:30

**Lab Sample ID: 490-81391-6**

Matrix: Water

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 22:50	1
Benzene	ND		1.00		ug/L			06/26/15 22:50	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 22:50	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 22:50	1
Bromoform	ND		1.00		ug/L			06/26/15 22:50	1
Bromomethane	ND		1.00		ug/L			06/26/15 22:50	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 22:50	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 22:50	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 22:50	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 22:50	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 22:50	1
Chloroethane	ND		1.00		ug/L			06/26/15 22:50	1
<b>Chloroform</b>	<b>1.66</b>		1.00		ug/L			06/26/15 22:50	1
Chloromethane	ND		1.00		ug/L			06/26/15 22:50	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 22:50	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 22:50	1
Cyclohexane	ND		5.00		ug/L			06/26/15 22:50	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 22:50	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 22:50	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 22:50	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 22:50	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 22:50	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 22:50	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 22:50	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 22:50	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 22:50	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 22:50	1
<b>Diisopropyl ether</b>	<b>2.73</b>		2.00		ug/L			06/26/15 22:50	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 22:50	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 22:50	1
Freon 113	ND		1.00		ug/L			06/26/15 22:50	1
2-Hexanone	ND		10.0		ug/L			06/26/15 22:50	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 22:50	1
Methyl acetate	ND		10.0		ug/L			06/26/15 22:50	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 22:50	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 22:50	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 22:50	1
<b>Methyl tert-butyl ether</b>	<b>554</b>		5.00		ug/L			06/27/15 20:15	5
Naphthalene	ND		5.00		ug/L			06/26/15 22:50	1
Styrene	ND		1.00		ug/L			06/26/15 22:50	1
<b>Tert-amyl methyl ether</b>	<b>17.2</b>		1.00		ug/L			06/26/15 22:50	1
<b>tert-Butyl alcohol (TBA)</b>	<b>173</b>		10.0		ug/L			06/26/15 22:50	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 22:50	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 22:50	1
Toluene	ND		1.00		ug/L			06/26/15 22:50	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 22:50	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 22:50	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 22:50	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 22:50	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 9**

Date Collected: 06/23/15 13:00

Date Received: 06/25/15 08:30

**Lab Sample ID: 490-81391-6**

Matrix: Water

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 22:50	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 22:50	1
Trichloroethene	ND		1.00		ug/L			06/26/15 22:50	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 22:50	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 22:50	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 22:50	1
o-Xylene	ND		1.00		ug/L			06/26/15 22:50	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 22:50	1
<hr/>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130					06/26/15 22:50	1
4-Bromofluorobenzene (Surr)	117 *		70 - 130					06/27/15 20:15	5
Dibromofluoromethane (Surr)	108		70 - 130					06/26/15 22:50	1
Dibromofluoromethane (Surr)	98		70 - 130					06/27/15 20:15	5
1,2-Dichloroethane-d4 (Surr)	99		70 - 130					06/26/15 22:50	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 130					06/27/15 20:15	5
Toluene-d8 (Surr)	97		70 - 130					06/26/15 22:50	1
Toluene-d8 (Surr)	107		70 - 130					06/27/15 20:15	5

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/26/15 23:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	75		50 - 150					06/26/15 23:57	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.00685		0.00500		mg/L			06/27/15 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Acetylene (Surr)	83		62 - 124					06/27/15 15:00	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	3.22		0.100		mg/L		06/26/15 18:20	06/27/15 15:16	1
Sulfur	1.71		0.250		mg/L		06/26/15 18:20	06/29/15 17:08	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	1.22		0.250		mg/L		06/28/15 17:50	06/29/15 10:28	1
Nitrate Nitrite as N	8.39		0.200		mg/L			06/26/15 17:28	2

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 10**  
**Date Collected: 06/23/15 14:20**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-7**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 23:17	1
Benzene	ND		1.00		ug/L			06/26/15 23:17	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 23:17	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 23:17	1
Bromoform	ND		1.00		ug/L			06/26/15 23:17	1
Bromomethane	ND		1.00		ug/L			06/26/15 23:17	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 23:17	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 23:17	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 23:17	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 23:17	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 23:17	1
Chloroethane	ND		1.00		ug/L			06/26/15 23:17	1
<b>Chloroform</b>	<b>5.91</b>		1.00		ug/L			06/26/15 23:17	1
Chloromethane	ND		1.00		ug/L			06/26/15 23:17	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 23:17	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 23:17	1
Cyclohexane	ND		5.00		ug/L			06/26/15 23:17	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 23:17	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 23:17	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 23:17	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 23:17	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 23:17	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 23:17	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 23:17	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 23:17	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 23:17	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 23:17	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 23:17	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 23:17	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 23:17	1
Freon 113	ND		1.00		ug/L			06/26/15 23:17	1
2-Hexanone	ND		10.0		ug/L			06/26/15 23:17	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 23:17	1
Methyl acetate	ND		10.0		ug/L			06/26/15 23:17	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 23:17	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 23:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 23:17	1
<b>Methyl tert-butyl ether</b>	<b>180</b>		1.00		ug/L			06/26/15 23:17	1
Naphthalene	ND		5.00		ug/L			06/26/15 23:17	1
Styrene	ND		1.00		ug/L			06/26/15 23:17	1
<b>Tert-amyl methyl ether</b>	<b>5.72</b>		1.00		ug/L			06/26/15 23:17	1
<b>tert-Butyl alcohol (TBA)</b>	<b>83.1</b>		10.0		ug/L			06/26/15 23:17	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 23:17	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 23:17	1
Toluene	ND		1.00		ug/L			06/26/15 23:17	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 23:17	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 23:17	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 23:17	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 23:17	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 10**  
**Date Collected: 06/23/15 14:20**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-7**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 23:17	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 23:17	1
Trichloroethene	ND		1.00		ug/L			06/26/15 23:17	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 23:17	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 23:17	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 23:17	1
o-Xylene	ND		1.00		ug/L			06/26/15 23:17	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 23:17	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	99		70 - 130					06/26/15 23:17	1
Dibromofluoromethane (Surr)	108		70 - 130					06/26/15 23:17	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 130					06/26/15 23:17	1
Toluene-d8 (Surr)	102		70 - 130					06/26/15 23:17	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/27/15 00:35	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	79		50 - 150					06/27/15 00:35	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00500		mg/L			06/27/15 15:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Acetylene (Surr)	83		62 - 124					06/27/15 15:03	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	25.1		0.100		mg/L		06/26/15 18:20	06/27/15 15:20	1
Sulfur	0.825		0.250		mg/L		06/26/15 18:20	06/29/15 17:12	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	2.23		0.250		mg/L		06/28/15 17:50	06/29/15 10:29	1
Nitrate Nitrite as N	7.67		0.200		mg/L			06/26/15 17:29	2

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 11**  
**Date Collected: 06/23/15 14:00**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-8**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 21:29	1
Benzene	ND		1.00		ug/L			06/26/15 21:29	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 21:29	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 21:29	1
Bromoform	ND		1.00		ug/L			06/26/15 21:29	1
Bromomethane	ND		1.00		ug/L			06/26/15 21:29	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 21:29	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 21:29	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 21:29	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 21:29	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 21:29	1
Chloroethane	ND		1.00		ug/L			06/26/15 21:29	1
<b>Chloroform</b>	<b>6.87</b>		1.00		ug/L			06/26/15 21:29	1
Chloromethane	ND		1.00		ug/L			06/26/15 21:29	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 21:29	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 21:29	1
Cyclohexane	ND		5.00		ug/L			06/26/15 21:29	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 21:29	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 21:29	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:29	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:29	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:29	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 21:29	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 21:29	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 21:29	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 21:29	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 21:29	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 21:29	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 21:29	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 21:29	1
Freon 113	ND		1.00		ug/L			06/26/15 21:29	1
2-Hexanone	ND		10.0		ug/L			06/26/15 21:29	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 21:29	1
Methyl acetate	ND		10.0		ug/L			06/26/15 21:29	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 21:29	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 21:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 21:29	1
<b>Methyl tert-butyl ether</b>	<b>89.2</b>		1.00		ug/L			06/26/15 21:29	1
Naphthalene	ND		5.00		ug/L			06/26/15 21:29	1
Styrene	ND		1.00		ug/L			06/26/15 21:29	1
<b>Tert-amyl methyl ether</b>	<b>2.60</b>		1.00		ug/L			06/26/15 21:29	1
<b>tert-Butyl alcohol (TBA)</b>	<b>27.1</b>		10.0		ug/L			06/26/15 21:29	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 21:29	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 21:29	1
Toluene	ND		1.00		ug/L			06/26/15 21:29	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 21:29	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 21:29	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 21:29	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 21:29	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 11**  
**Date Collected: 06/23/15 14:00**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-8**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 21:29	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 21:29	1
Trichloroethene	ND		1.00		ug/L			06/26/15 21:29	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 21:29	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 21:29	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 21:29	1
o-Xylene	ND		1.00		ug/L			06/26/15 21:29	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 21:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	96		70 - 130					06/26/15 21:29	1
Dibromofluoromethane (Surr)	106		70 - 130					06/26/15 21:29	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 130					06/26/15 21:29	1
Toluene-d8 (Surr)	98		70 - 130					06/26/15 21:29	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/27/15 01:12	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	75		50 - 150					06/27/15 01:12	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.00731		0.00500		mg/L			06/27/15 15:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Acetylene (Surr)	94		62 - 124					06/27/15 15:05	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	98.9		0.100		mg/L		06/26/15 17:37	06/28/15 18:38	1
Sulfur	0.917	F1	0.250		mg/L		06/26/15 17:37	06/28/15 18:38	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	ND		5.00		mg/L		06/28/15 17:50	06/29/15 10:30	1
Nitrate Nitrite as N	7.40		0.200		mg/L			06/26/15 17:29	2

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 12**  
**Date Collected: 06/23/15 12:14**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-9**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 21:56	1
Benzene	ND		1.00		ug/L			06/26/15 21:56	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 21:56	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 21:56	1
Bromoform	ND		1.00		ug/L			06/26/15 21:56	1
Bromomethane	ND		1.00		ug/L			06/26/15 21:56	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 21:56	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 21:56	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 21:56	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 21:56	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 21:56	1
Chloroethane	ND		1.00		ug/L			06/26/15 21:56	1
Chloroform	ND		1.00		ug/L			06/26/15 21:56	1
Chloromethane	ND		1.00		ug/L			06/26/15 21:56	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 21:56	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 21:56	1
Cyclohexane	ND		5.00		ug/L			06/26/15 21:56	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 21:56	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 21:56	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:56	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:56	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 21:56	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 21:56	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 21:56	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 21:56	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 21:56	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 21:56	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 21:56	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 21:56	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 21:56	1
Freon 113	ND		1.00		ug/L			06/26/15 21:56	1
2-Hexanone	ND		10.0		ug/L			06/26/15 21:56	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 21:56	1
Methyl acetate	ND		10.0		ug/L			06/26/15 21:56	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 21:56	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 21:56	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 21:56	1
<b>Methyl tert-butyl ether</b>	<b>3.73</b>		1.00		ug/L			06/26/15 21:56	1
Naphthalene	ND		5.00		ug/L			06/26/15 21:56	1
Styrene	ND		1.00		ug/L			06/26/15 21:56	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/26/15 21:56	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/26/15 21:56	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 21:56	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 21:56	1
Toluene	ND		1.00		ug/L			06/26/15 21:56	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 21:56	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 21:56	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 21:56	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 21:56	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 12**  
**Date Collected: 06/23/15 12:14**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-9**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 21:56	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 21:56	1
Trichloroethene	ND		1.00		ug/L			06/26/15 21:56	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 21:56	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 21:56	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 21:56	1
o-Xylene	ND		1.00		ug/L			06/26/15 21:56	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 21:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	94		70 - 130					06/26/15 21:56	1
Dibromofluoromethane (Surr)	106		70 - 130					06/26/15 21:56	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 130					06/26/15 21:56	1
Toluene-d8 (Surr)	98		70 - 130					06/26/15 21:56	1

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	174		100		ug/L			06/27/15 04:19	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene	77		50 - 150					06/27/15 04:19	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.0116		0.00500		mg/L			06/27/15 15:08	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Acetylene (Surr)	94		62 - 124					06/27/15 15:08	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	82.7		0.100		mg/L		06/26/15 17:37	06/28/15 19:08	1
Sulfur	1.18		0.250		mg/L		06/26/15 17:37	06/28/15 19:08	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	ND		0.250		mg/L		06/28/15 17:50	06/29/15 10:31	1
Nitrate Nitrite as N	7.62		0.200		mg/L			06/26/15 17:30	2

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 13**  
**Date Collected: 06/23/15 13:10**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-10**  
**Matrix: Water**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L		06/26/15 23:45		1
Benzene	ND		1.00		ug/L		06/26/15 23:45		1
Bromochloromethane	ND		1.00		ug/L		06/26/15 23:45		1
Bromodichloromethane	ND		1.00		ug/L		06/26/15 23:45		1
Bromoform	ND		1.00		ug/L		06/26/15 23:45		1
Bromomethane	ND		1.00		ug/L		06/26/15 23:45		1
2-Butanone (MEK)	ND		50.0		ug/L		06/26/15 23:45		1
Carbon disulfide	ND		1.00		ug/L		06/26/15 23:45		1
Carbon tetrachloride	ND		1.00		ug/L		06/26/15 23:45		1
Chlorobenzene	ND		1.00		ug/L		06/26/15 23:45		1
Chlorodibromomethane	ND		1.00		ug/L		06/26/15 23:45		1
Chloroethane	ND		1.00		ug/L		06/26/15 23:45		1
Chloroform	ND		1.00		ug/L		06/26/15 23:45		1
Chloromethane	ND		1.00		ug/L		06/26/15 23:45		1
cis-1,2-Dichloroethene	ND		1.00		ug/L		06/26/15 23:45		1
cis-1,3-Dichloropropene	ND		1.00		ug/L		06/26/15 23:45		1
Cyclohexane	ND		5.00		ug/L		06/26/15 23:45		1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L		06/26/15 23:45		1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L		06/26/15 23:45		1
1,2-Dichlorobenzene	ND		1.00		ug/L		06/26/15 23:45		1
1,3-Dichlorobenzene	ND		1.00		ug/L		06/26/15 23:45		1
1,4-Dichlorobenzene	ND		1.00		ug/L		06/26/15 23:45		1
Dichlorodifluoromethane	ND		1.00		ug/L		06/26/15 23:45		1
1,1-Dichloroethane	ND		1.00		ug/L		06/26/15 23:45		1
1,2-Dichloroethane	ND		1.00		ug/L		06/26/15 23:45		1
1,1-Dichloroethene	ND		1.00		ug/L		06/26/15 23:45		1
1,2-Dichloropropane	ND		1.00		ug/L		06/26/15 23:45		1
Diisopropyl ether	ND		2.00		ug/L		06/26/15 23:45		1
Ethylbenzene	ND		1.00		ug/L		06/26/15 23:45		1
Ethyl tert-butyl ether	ND		1.00		ug/L		06/26/15 23:45		1
Freon 113	ND		1.00		ug/L		06/26/15 23:45		1
2-Hexanone	ND		10.0		ug/L		06/26/15 23:45		1
Isopropylbenzene	ND		1.00		ug/L		06/26/15 23:45		1
Methyl acetate	ND		10.0		ug/L		06/26/15 23:45		1
Methylcyclohexane	ND		5.00		ug/L		06/26/15 23:45		1
Methylene Chloride	ND		5.00		ug/L		06/26/15 23:45		1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L		06/26/15 23:45		1
<b>Methyl tert-butyl ether</b>	<b>327</b>		5.00		ug/L		06/27/15 20:42		5
Naphthalene	ND		5.00		ug/L		06/26/15 23:45		1
Styrene	ND		1.00		ug/L		06/26/15 23:45		1
<b>Tert-amyl methyl ether</b>	<b>11.5</b>		1.00		ug/L		06/26/15 23:45		1
<b>tert-Butyl alcohol (TBA)</b>	<b>71.1</b>		10.0		ug/L		06/26/15 23:45		1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L		06/26/15 23:45		1
Tetrachloroethene	ND		1.00		ug/L		06/26/15 23:45		1
Toluene	ND		1.00		ug/L		06/26/15 23:45		1
trans-1,2-Dichloroethene	ND		1.00		ug/L		06/26/15 23:45		1
trans-1,3-Dichloropropene	ND		1.00		ug/L		06/26/15 23:45		1
1,2,3-Trichlorobenzene	ND		1.00		ug/L		06/26/15 23:45		1
1,2,4-Trichlorobenzene	ND		1.00		ug/L		06/26/15 23:45		1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 13**  
**Date Collected: 06/23/15 13:10**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-10**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 23:45	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 23:45	1
Trichloroethene	ND		1.00		ug/L			06/26/15 23:45	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 23:45	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 23:45	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 23:45	1
o-Xylene	ND		1.00		ug/L			06/26/15 23:45	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 23:45	1
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Surrogate	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130					06/26/15 23:45	1
4-Bromofluorobenzene (Surr)	75		70 - 130					06/27/15 20:42	5
Dibromofluoromethane (Surr)	108		70 - 130					06/26/15 23:45	1
Dibromofluoromethane (Surr)	90		70 - 130					06/27/15 20:42	5
1,2-Dichloroethane-d4 (Surr)	97		70 - 130					06/26/15 23:45	1
1,2-Dichloroethane-d4 (Surr)	81		70 - 130					06/27/15 20:42	5
Toluene-d8 (Surr)	96		70 - 130					06/26/15 23:45	1
Toluene-d8 (Surr)	100 *		70 - 130					06/27/15 20:42	5

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/27/15 03:41	1
Surrogate	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	78		50 - 150					06/27/15 03:41	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00500		mg/L			06/27/15 15:50	1
Surrogate	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
Acetylene (Surr)	77		62 - 124					06/27/15 15:50	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	62.5		0.100		mg/L		06/26/15 17:37	06/28/15 19:12	1
Sulfur	2.16		0.250		mg/L		06/26/15 17:37	06/28/15 19:12	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	ND		0.250		mg/L		06/28/15 17:50	06/29/15 10:32	1
Nitrate Nitrite as N	13.8		0.500		mg/L			06/26/15 17:31	5

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: HW 3**

Date Collected: 06/23/15 14:50  
Date Received: 06/25/15 08:30

**Lab Sample ID: 490-81391-11**

Matrix: Water

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/27/15 00:12	1
Benzene	ND		1.00		ug/L			06/27/15 00:12	1
Bromochloromethane	ND		1.00		ug/L			06/27/15 00:12	1
Bromodichloromethane	ND		1.00		ug/L			06/27/15 00:12	1
Bromoform	ND		1.00		ug/L			06/27/15 00:12	1
Bromomethane	ND		1.00		ug/L			06/27/15 00:12	1
2-Butanone (MEK)	ND		50.0		ug/L			06/27/15 00:12	1
Carbon disulfide	ND		1.00		ug/L			06/27/15 00:12	1
Carbon tetrachloride	ND		1.00		ug/L			06/27/15 00:12	1
Chlorobenzene	ND		1.00		ug/L			06/27/15 00:12	1
Chlorodibromomethane	ND		1.00		ug/L			06/27/15 00:12	1
Chloroethane	ND		1.00		ug/L			06/27/15 00:12	1
<b>Chloroform</b>	<b>6.82</b>		1.00		ug/L			06/27/15 00:12	1
Chloromethane	ND		1.00		ug/L			06/27/15 00:12	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/27/15 00:12	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/27/15 00:12	1
Cyclohexane	ND		5.00		ug/L			06/27/15 00:12	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/27/15 00:12	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/27/15 00:12	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/27/15 00:12	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/27/15 00:12	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/27/15 00:12	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/27/15 00:12	1
1,1-Dichloroethane	ND		1.00		ug/L			06/27/15 00:12	1
1,2-Dichloroethane	ND		1.00		ug/L			06/27/15 00:12	1
1,1-Dichloroethene	ND		1.00		ug/L			06/27/15 00:12	1
1,2-Dichloropropane	ND		1.00		ug/L			06/27/15 00:12	1
Diisopropyl ether	ND		2.00		ug/L			06/27/15 00:12	1
Ethylbenzene	ND		1.00		ug/L			06/27/15 00:12	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/27/15 00:12	1
Freon 113	ND		1.00		ug/L			06/27/15 00:12	1
2-Hexanone	ND		10.0		ug/L			06/27/15 00:12	1
Isopropylbenzene	ND		1.00		ug/L			06/27/15 00:12	1
Methyl acetate	ND		10.0		ug/L			06/27/15 00:12	1
Methylcyclohexane	ND		5.00		ug/L			06/27/15 00:12	1
Methylene Chloride	ND		5.00		ug/L			06/27/15 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/27/15 00:12	1
<b>Methyl tert-butyl ether</b>	<b>222</b>		5.00		ug/L			06/27/15 21:09	5
Naphthalene	ND		5.00		ug/L			06/27/15 00:12	1
Styrene	ND		1.00		ug/L			06/27/15 00:12	1
<b>Tert-amyl methyl ether</b>	<b>8.17</b>		1.00		ug/L			06/27/15 00:12	1
<b>tert-Butyl alcohol (TBA)</b>	<b>307</b>		10.0		ug/L			06/27/15 00:12	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/27/15 00:12	1
Tetrachloroethene	ND		1.00		ug/L			06/27/15 00:12	1
Toluene	ND		1.00		ug/L			06/27/15 00:12	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/27/15 00:12	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/27/15 00:12	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/27/15 00:12	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/27/15 00:12	1

TestAmerica Nashville

# Client Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: HW 3**  
**Date Collected: 06/23/15 14:50**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-11**  
**Matrix: Water**

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			06/27/15 00:12	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/27/15 00:12	1
Trichloroethene	ND		1.00		ug/L			06/27/15 00:12	1
Trichlorofluoromethane	ND		1.00		ug/L			06/27/15 00:12	1
Vinyl chloride	ND		1.00		ug/L			06/27/15 00:12	1
m,p-Xylene	ND		2.00		ug/L			06/27/15 00:12	1
o-Xylene	ND		1.00		ug/L			06/27/15 00:12	1
Xylenes, Total	ND		3.00		ug/L			06/27/15 00:12	1
<hr/>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130					06/27/15 00:12	1
4-Bromofluorobenzene (Surr)	99		70 - 130					06/27/15 21:09	5
Dibromofluoromethane (Surr)	105		70 - 130					06/27/15 00:12	1
Dibromofluoromethane (Surr)	96		70 - 130					06/27/15 21:09	5
1,2-Dichloroethane-d4 (Surr)	98		70 - 130					06/27/15 00:12	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 130					06/27/15 21:09	5
Toluene-d8 (Surr)	97		70 - 130					06/27/15 00:12	1
Toluene-d8 (Surr)	99		70 - 130					06/27/15 21:09	5

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			06/27/15 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	76		50 - 150					06/27/15 01:50	1

## Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00500		mg/L			06/27/15 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Acetylene (Surr)	72		62 - 124					06/27/15 15:53	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.878		0.100		mg/L		06/26/15 17:37	06/28/15 19:16	1
Sulfur	4.58		0.250		mg/L		06/26/15 17:37	06/28/15 19:16	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kjeldahl Nitrogen as N	20.0		1.25		mg/L		06/27/15 16:41	06/28/15 10:07	5
Nitrate Nitrite as N	15.2		0.500		mg/L			06/26/15 15:46	5

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 490-259617/6**

**Matrix: Water**

**Analysis Batch: 259617**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/26/15 15:05	1
Benzene	ND		1.00		ug/L			06/26/15 15:05	1
Bromochloromethane	ND		1.00		ug/L			06/26/15 15:05	1
Bromodichloromethane	ND		1.00		ug/L			06/26/15 15:05	1
Bromoform	ND		1.00		ug/L			06/26/15 15:05	1
Bromomethane	ND		1.00		ug/L			06/26/15 15:05	1
2-Butanone (MEK)	ND		50.0		ug/L			06/26/15 15:05	1
Carbon disulfide	ND		1.00		ug/L			06/26/15 15:05	1
Carbon tetrachloride	ND		1.00		ug/L			06/26/15 15:05	1
Chlorobenzene	ND		1.00		ug/L			06/26/15 15:05	1
Chlorodibromomethane	ND		1.00		ug/L			06/26/15 15:05	1
Chloroethane	ND		1.00		ug/L			06/26/15 15:05	1
Chloroform	ND		1.00		ug/L			06/26/15 15:05	1
Chloromethane	ND		1.00		ug/L			06/26/15 15:05	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 15:05	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 15:05	1
Cyclohexane	ND		5.00		ug/L			06/26/15 15:05	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/26/15 15:05	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/26/15 15:05	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/26/15 15:05	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/26/15 15:05	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/26/15 15:05	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/26/15 15:05	1
1,1-Dichloroethane	ND		1.00		ug/L			06/26/15 15:05	1
1,2-Dichloroethane	ND		1.00		ug/L			06/26/15 15:05	1
1,1-Dichloroethene	ND		1.00		ug/L			06/26/15 15:05	1
1,2-Dichloropropane	ND		1.00		ug/L			06/26/15 15:05	1
Diisopropyl ether	ND		2.00		ug/L			06/26/15 15:05	1
Ethylbenzene	ND		1.00		ug/L			06/26/15 15:05	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/26/15 15:05	1
Freon 113	ND		1.00		ug/L			06/26/15 15:05	1
2-Hexanone	ND		10.0		ug/L			06/26/15 15:05	1
Isopropylbenzene	ND		1.00		ug/L			06/26/15 15:05	1
Methyl acetate	ND		10.0		ug/L			06/26/15 15:05	1
Methylcyclohexane	ND		5.00		ug/L			06/26/15 15:05	1
Methylene Chloride	ND		5.00		ug/L			06/26/15 15:05	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/26/15 15:05	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/26/15 15:05	1
Naphthalene	ND		5.00		ug/L			06/26/15 15:05	1
Styrene	ND		1.00		ug/L			06/26/15 15:05	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/26/15 15:05	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/26/15 15:05	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/26/15 15:05	1
Tetrachloroethene	ND		1.00		ug/L			06/26/15 15:05	1
Toluene	ND		1.00		ug/L			06/26/15 15:05	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/26/15 15:05	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/26/15 15:05	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/26/15 15:05	1

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 490-259617/6**

**Matrix: Water**

**Analysis Batch: 259617**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/26/15 15:05	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/26/15 15:05	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/26/15 15:05	1
Trichloroethylene	ND		1.00		ug/L			06/26/15 15:05	1
Trichlorofluoromethane	ND		1.00		ug/L			06/26/15 15:05	1
Vinyl chloride	ND		1.00		ug/L			06/26/15 15:05	1
m,p-Xylene	ND		2.00		ug/L			06/26/15 15:05	1
o-Xylene	ND		1.00		ug/L			06/26/15 15:05	1
Xylenes, Total	ND		3.00		ug/L			06/26/15 15:05	1
Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	95		70 - 130					06/26/15 15:05	1
Dibromofluoromethane (Surr)	106		70 - 130					06/26/15 15:05	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 130					06/26/15 15:05	1
Toluene-d8 (Surr)	97		70 - 130					06/26/15 15:05	1

**Lab Sample ID: LCS 490-259617/3**

**Matrix: Water**

**Analysis Batch: 259617**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Acetone	100	98.05		ug/L		98	54 - 145	
Benzene	20.0	21.94		ug/L		110	80 - 121	
Bromochloromethane	20.0	20.27		ug/L		101	78 - 129	
Bromodichloromethane	20.0	21.13		ug/L		106	75 - 129	
Bromoform	20.0	21.87		ug/L		109	46 - 145	
Bromomethane	20.0	19.97		ug/L		100	41 - 150	
2-Butanone (MEK)	100	105.4		ug/L		105	62 - 133	
Carbon disulfide	20.0	20.95		ug/L		105	77 - 126	
Carbon tetrachloride	20.0	21.35		ug/L		107	64 - 147	
Chlorobenzene	20.0	20.75		ug/L		104	80 - 120	
Chlorodibromomethane	20.0	18.99		ug/L		95	69 - 133	
Chloroethane	20.0	21.67		ug/L		108	72 - 120	
Chloroform	20.0	20.98		ug/L		105	73 - 129	
Chloromethane	20.0	18.02		ug/L		90	12 - 150	
cis-1,2-Dichloroethene	20.0	21.29		ug/L		106	76 - 125	
cis-1,3-Dichloropropene	20.0	20.63		ug/L		103	74 - 140	
Cyclohexane	20.0	21.88		ug/L		109	73 - 122	
1,2-Dibromo-3-Chloropropane	20.0	19.36		ug/L		97	54 - 125	
1,2-Dibromoethane (EDB)	20.0	20.09		ug/L		100	80 - 129	
1,2-Dichlorobenzene	20.0	21.18		ug/L		106	80 - 121	
1,3-Dichlorobenzene	20.0	21.90		ug/L		109	80 - 122	
1,4-Dichlorobenzene	20.0	20.37		ug/L		102	80 - 120	
Dichlorodifluoromethane	20.0	20.87		ug/L		104	37 - 127	
1,1-Dichloroethane	20.0	21.17		ug/L		106	78 - 125	
1,2-Dichloroethane	20.0	20.44		ug/L		102	77 - 121	
1,1-Dichloroethene	20.0	20.82		ug/L		104	79 - 124	
1,2-Dichloropropane	20.0	22.95		ug/L		115	75 - 120	

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 490-259617/3**

**Matrix: Water**

**Analysis Batch: 259617**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
Diisopropyl ether	20.0	21.23		ug/L		106	61 - 142		
Ethylbenzene	20.0	21.49		ug/L		107	80 - 130		
Ethyl tert-butyl ether	20.0	21.50		ug/L		107	63 - 135		
Freon 113	20.0	21.69		ug/L		108	77 - 129		
2-Hexanone	100	118.2		ug/L		118	60 - 142		
Isopropylbenzene	20.0	21.99		ug/L		110	80 - 141		
Methyl acetate	100	107.5		ug/L		107	64 - 150		
Methylcyclohexane	20.0	21.18		ug/L		106	71 - 129		
Methylene Chloride	20.0	19.75		ug/L		99	79 - 123		
4-Methyl-2-pentanone (MIBK)	100	110.1		ug/L		110	60 - 137		
Methyl tert-butyl ether	20.0	20.90		ug/L		104	72 - 133		
Naphthalene	20.0	20.77		ug/L		104	62 - 138		
Styrene	20.0	19.77		ug/L		99	80 - 127		
Tert-amyl methyl ether	20.0	21.44		ug/L		107	63 - 135		
tert-Butyl alcohol (TBA)	200	191.8		ug/L		96	54 - 150		
1,1,2,2-Tetrachloroethane	20.0	21.52		ug/L		108	69 - 131		
Tetrachloroethene	20.0	21.59		ug/L		108	80 - 126		
Toluene	20.0	20.77		ug/L		104	80 - 126		
trans-1,2-Dichloroethene	20.0	20.96		ug/L		105	79 - 126		
trans-1,3-Dichloropropene	20.0	19.67		ug/L		98	63 - 134		
1,2,3-Trichlorobenzene	20.0	21.53		ug/L		108	62 - 133		
1,2,4-Trichlorobenzene	20.0	20.66		ug/L		103	63 - 133		
1,1,1-Trichloroethane	20.0	21.29		ug/L		106	78 - 135		
1,1,2-Trichloroethane	20.0	20.88		ug/L		104	80 - 124		
Trichloroethene	20.0	21.43		ug/L		107	80 - 123		
Trichlorofluoromethane	20.0	22.12		ug/L		111	65 - 124		
Vinyl chloride	20.0	23.63		ug/L		118	68 - 120		
m,p-Xylene	20.0	20.97		ug/L		105	80 - 141		
o-Xylene	20.0	21.61		ug/L		108	80 - 127		
Xylenes, Total	40.0	42.58		ug/L		106	80 - 132		

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	97		70 - 130

**Lab Sample ID: 490-81391-1 MS**

**Matrix: Water**

**Analysis Batch: 259617**

**Client Sample ID: MW 4A**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Acetone	ND		250	256.1		ug/L		102	45 - 141
Benzene	ND		50.0	52.60		ug/L		105	75 - 133
Bromochloromethane	ND		50.0	50.16		ug/L		100	67 - 139
Bromodichloromethane	ND		50.0	55.12		ug/L		110	70 - 140
Bromoform	ND		50.0	58.72		ug/L		117	42 - 147
Bromomethane	ND		50.0	36.08		ug/L		72	16 - 163

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-81391-1 MS

Matrix: Water

Analysis Batch: 259617

Client Sample ID: MW 4A  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits	
	Result	Qualifier	Added	Result	Qualifier						
2-Butanone (MEK)	ND		250	267.5		ug/L		107	50 - 138		
Carbon disulfide	ND		50.0	37.29		ug/L		75	48 - 152		
Carbon tetrachloride	ND		50.0	55.51		ug/L		111	62 - 164		
Chlorobenzene	ND		50.0	52.39		ug/L		105	80 - 129		
Chlorodibromomethane	ND		50.0	49.03		ug/L		98	66 - 140		
Chloroethane	ND		50.0	48.77		ug/L		98	58 - 137		
Chloroform	11.3		50.0	63.48		ug/L		104	66 - 138		
Chloromethane	ND		50.0	37.57		ug/L		75	10 - 169		
cis-1,2-Dichloroethene	ND		50.0	51.34		ug/L		103	68 - 138		
cis-1,3-Dichloropropene	ND		50.0	49.92		ug/L		100	71 - 141		
Cyclohexane	ND		50.0	47.19		ug/L		94	58 - 144		
1,2-Dibromo-3-Chloropropane	ND		50.0	46.72		ug/L		93	52 - 126		
1,2-Dibromoethane (EDB)	ND		50.0	51.45		ug/L		103	75 - 137		
1,2-Dichlorobenzene	ND		50.0	55.59		ug/L		111	79 - 128		
1,3-Dichlorobenzene	ND		50.0	55.64		ug/L		111	77 - 131		
1,4-Dichlorobenzene	ND		50.0	53.25		ug/L		107	78 - 126		
Dichlorodifluoromethane	ND		50.0	37.23		ug/L		74	40 - 127		
1,1-Dichloroethane	ND		50.0	53.45		ug/L		107	71 - 139		
1,2-Dichloroethane	ND		50.0	49.64		ug/L		99	64 - 136		
1,1-Dichloroethene	ND		50.0	48.27		ug/L		97	70 - 142		
1,2-Dichloropropane	ND		50.0	56.72		ug/L		113	67 - 131		
Diisopropyl ether	ND		50.0	54.00		ug/L		105	10 - 200		
Ethylbenzene	ND		50.0	54.83		ug/L		110	79 - 139		
Ethyl tert-butyl ether	ND		50.0	54.00		ug/L		108	60 - 138		
Freon 113	ND		50.0	52.08		ug/L		104	72 - 148		
2-Hexanone	ND		250	298.0		ug/L		119	50 - 150		
Isopropylbenzene	ND		50.0	56.37		ug/L		113	80 - 153		
Methyl acetate	ND		250	249.0		ug/L		100	30 - 165		
Methylcyclohexane	ND		50.0	49.15		ug/L		98	59 - 151		
Methylene Chloride	ND		50.0	46.29		ug/L		93	64 - 139		
4-Methyl-2-pentanone (MIBK)	ND		250	267.8		ug/L		107	50 - 147		
Methyl tert-butyl ether	228	E	50.0	286.2	4	ug/L		116	66 - 141		
Naphthalene	ND		50.0	46.88		ug/L		94	55 - 140		
Styrene	ND		50.0	50.26		ug/L		101	61 - 148		
Tert-amyl methyl ether	7.60		50.0	57.86		ug/L		101	61 - 138		
tert-Butyl alcohol (TBA)	51.5		500	608.1		ug/L		111	50 - 183		
1,1,2,2-Tetrachloroethane	ND		50.0	57.41		ug/L		115	56 - 143		
Tetrachloroethene	ND		50.0	51.74		ug/L		103	72 - 145		
Toluene	ND		50.0	50.23		ug/L		100	75 - 136		
trans-1,2-Dichloroethene	ND		50.0	47.38		ug/L		95	66 - 143		
trans-1,3-Dichloropropene	ND		50.0	50.41		ug/L		101	59 - 135		
1,2,3-Trichlorobenzene	ND		50.0	48.95		ug/L		98	55 - 138		
1,2,4-Trichlorobenzene	ND		50.0	50.29		ug/L		101	60 - 136		
1,1,1-Trichloroethane	ND		50.0	52.86		ug/L		106	76 - 149		
1,1,2-Trichloroethane	ND		50.0	53.50		ug/L		107	74 - 134		
Trichloroethene	ND		50.0	53.49		ug/L		107	73 - 144		
Trichlorofluoromethane	ND		50.0	52.89		ug/L		106	58 - 139		
Vinyl chloride	ND		50.0	48.83		ug/L		98	56 - 129		

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 490-81391-1 MS**

**Matrix: Water**

**Analysis Batch: 259617**

**Client Sample ID: MW 4A**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
m,p-Xylene	ND		50.0	53.14		ug/L		106	80 - 153
o-Xylene	ND		50.0	54.09		ug/L		108	74 - 138
Xylenes, Total	ND		100	107.2		ug/L		107	74 - 141
<b>Surrogate</b>									
4-Bromofluorobenzene (Surr)	101	%Recovery		70 - 130					
Dibromofluoromethane (Surr)	104			70 - 130					
1,2-Dichloroethane-d4 (Surr)	95			70 - 130					
Toluene-d8 (Surr)	96			70 - 130					

**Lab Sample ID: 490-81391-1 MSD**

**Matrix: Water**

**Analysis Batch: 259617**

**Client Sample ID: MW 4A**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	ND		250	247.8		ug/L		99	45 - 141	3	21
Benzene	ND		50.0	51.00		ug/L		102	75 - 133	3	17
Bromochloromethane	ND		50.0	46.75		ug/L		94	67 - 139	7	17
Bromodichloromethane	ND		50.0	52.88		ug/L		106	70 - 140	4	18
Bromoform	ND		50.0	57.76		ug/L		116	42 - 147	2	16
Bromomethane	ND		50.0	27.09		ug/L		54	16 - 163	28	50
2-Butanone (MEK)	ND		250	260.0		ug/L		104	50 - 138	3	19
Carbon disulfide	ND		50.0	36.23		ug/L		72	48 - 152	3	21
Carbon tetrachloride	ND		50.0	54.62		ug/L		109	62 - 164	2	19
Chlorobenzene	ND		50.0	50.82		ug/L		102	80 - 129	3	14
Chlorodibromomethane	ND		50.0	48.96		ug/L		98	66 - 140	0	15
Chloroethane	ND		50.0	47.25		ug/L		95	58 - 137	3	20
Chloroform	11.3		50.0	61.36		ug/L		100	66 - 138	3	18
Chloromethane	ND		50.0	39.19		ug/L		78	10 - 169	4	31
cis-1,2-Dichloroethene	ND		50.0	49.80		ug/L		100	68 - 138	3	17
cis-1,3-Dichloropropene	ND		50.0	50.95		ug/L		102	71 - 141	2	15
Cyclohexane	ND		50.0	46.71		ug/L		93	58 - 144	1	16
1,2-Dibromo-3-Chloropropane	ND		50.0	47.17		ug/L		94	52 - 126	1	24
1,2-Dibromoethane (EDB)	ND		50.0	50.77		ug/L		102	75 - 137	1	15
1,2-Dichlorobenzene	ND		50.0	53.29		ug/L		107	79 - 128	4	15
1,3-Dichlorobenzene	ND		50.0	53.87		ug/L		108	77 - 131	3	15
1,4-Dichlorobenzene	ND		50.0	51.10		ug/L		102	78 - 126	4	15
Dichlorodifluoromethane	ND		50.0	35.64		ug/L		71	40 - 127	4	18
1,1-Dichloroethane	ND		50.0	52.30		ug/L		105	71 - 139	2	17
1,2-Dichloroethane	ND		50.0	47.89		ug/L		96	64 - 136	4	17
1,1-Dichloroethene	ND		50.0	47.91		ug/L		96	70 - 142	1	17
1,2-Dichloropropane	ND		50.0	55.21		ug/L		110	67 - 131	3	17
Diisopropyl ether	ND		50.0	55.20		ug/L		108	10 - 200	2	50
Ethylbenzene	ND		50.0	53.21		ug/L		106	79 - 139	3	15
Ethyl tert-butyl ether	ND		50.0	53.53		ug/L		107	60 - 138	1	19
Freon 113	ND		50.0	52.24		ug/L		104	72 - 148	0	18
2-Hexanone	ND		250	286.8		ug/L		115	50 - 150	4	15
Isopropylbenzene	ND		50.0	56.34		ug/L		113	80 - 153	0	16

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-81391-1 MSD

Matrix: Water

Analysis Batch: 259617

Client Sample ID: MW 4A  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl acetate	ND		250	235.2		ug/L	94	30 - 165	6	31	
Methylcyclohexane	ND		50.0	47.01		ug/L	94	59 - 151	4	19	
Methylene Chloride	ND		50.0	45.86		ug/L	92	64 - 139	1	17	
4-Methyl-2-pentanone (MIBK)	ND		250	270.6		ug/L	108	50 - 147	1	17	
Methyl tert-butyl ether	228	E	50.0	281.9	4	ug/L	107	66 - 141	2	16	
Naphthalene	ND		50.0	50.82		ug/L	102	55 - 140	8	26	
Styrene	ND		50.0	50.07		ug/L	100	61 - 148	0	24	
Tert-amyl methyl ether	7.60		50.0	55.90		ug/L	97	61 - 138	3	15	
tert-Butyl alcohol (TBA)	51.5		500	560.0		ug/L	102	50 - 183	8	32	
1,1,2,2-Tetrachloroethane	ND		50.0	55.49		ug/L	111	56 - 143	3	20	
Tetrachloroethene	ND		50.0	51.23		ug/L	102	72 - 145	1	16	
Toluene	ND		50.0	49.67		ug/L	99	75 - 136	1	15	
trans-1,2-Dichloroethene	ND		50.0	46.46		ug/L	93	66 - 143	2	16	
trans-1,3-Dichloropropene	ND		50.0	50.16		ug/L	100	59 - 135	1	14	
1,2,3-Trichlorobenzene	ND		50.0	52.73		ug/L	105	55 - 138	7	25	
1,2,4-Trichlorobenzene	ND		50.0	52.08		ug/L	104	60 - 136	4	19	
1,1,1-Trichloroethane	ND		50.0	51.26		ug/L	103	76 - 149	3	17	
1,1,2-Trichloroethane	ND		50.0	52.14		ug/L	104	74 - 134	3	15	
Trichloroethene	ND		50.0	50.78		ug/L	102	73 - 144	5	17	
Trichlorofluoromethane	ND		50.0	51.83		ug/L	104	58 - 139	2	18	
Vinyl chloride	ND		50.0	48.46		ug/L	97	56 - 129	1	17	
m,p-Xylene	ND		50.0	52.65		ug/L	105	80 - 153	1	16	
o-Xylene	ND		50.0	53.74		ug/L	107	74 - 138	1	14	
Xylenes, Total	ND		100	106.4		ug/L	106	74 - 141	1	15	
<b>Surrogate</b>		<b>MSD</b>	<b>MSD</b>								
		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>					
4-Bromofluorobenzene (Surr)		100		70 - 130							
Dibromofluoromethane (Surr)		103		70 - 130							
1,2-Dichloroethane-d4 (Surr)		95		70 - 130							
Toluene-d8 (Surr)		97		70 - 130							

Lab Sample ID: MB 490-260093/7

Matrix: Water

Analysis Batch: 260093

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		25.0		ug/L			06/27/15 18:27	1
Benzene	ND		1.00		ug/L			06/27/15 18:27	1
Bromochloromethane	ND		1.00		ug/L			06/27/15 18:27	1
Bromodichloromethane	ND		1.00		ug/L			06/27/15 18:27	1
Bromoform	ND		1.00		ug/L			06/27/15 18:27	1
Bromomethane	ND		1.00		ug/L			06/27/15 18:27	1
2-Butanone (MEK)	ND		50.0		ug/L			06/27/15 18:27	1
Carbon disulfide	ND		1.00		ug/L			06/27/15 18:27	1
Carbon tetrachloride	ND		1.00		ug/L			06/27/15 18:27	1
Chlorobenzene	ND		1.00		ug/L			06/27/15 18:27	1
Chlorodibromomethane	ND		1.00		ug/L			06/27/15 18:27	1
Chloroethane	ND		1.00		ug/L			06/27/15 18:27	1

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-260093/7

Matrix: Water

Analysis Batch: 260093

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.00		ug/L		06/27/15 18:27		1
Chloromethane	ND		1.00		ug/L		06/27/15 18:27		1
cis-1,2-Dichloroethene	ND		1.00		ug/L		06/27/15 18:27		1
cis-1,3-Dichloropropene	ND		1.00		ug/L		06/27/15 18:27		1
Cyclohexane	ND		5.00		ug/L		06/27/15 18:27		1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L		06/27/15 18:27		1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L		06/27/15 18:27		1
1,2-Dichlorobenzene	ND		1.00		ug/L		06/27/15 18:27		1
1,3-Dichlorobenzene	ND		1.00		ug/L		06/27/15 18:27		1
1,4-Dichlorobenzene	ND		1.00		ug/L		06/27/15 18:27		1
Dichlorodifluoromethane	ND		1.00		ug/L		06/27/15 18:27		1
1,1-Dichloroethane	ND		1.00		ug/L		06/27/15 18:27		1
1,2-Dichloroethane	ND		1.00		ug/L		06/27/15 18:27		1
1,1-Dichloroethene	ND		1.00		ug/L		06/27/15 18:27		1
1,2-Dichloropropane	ND		1.00		ug/L		06/27/15 18:27		1
Diisopropyl ether	ND		2.00		ug/L		06/27/15 18:27		1
Ethylbenzene	ND		1.00		ug/L		06/27/15 18:27		1
Ethyl tert-butyl ether	ND		1.00		ug/L		06/27/15 18:27		1
Freon 113	ND		1.00		ug/L		06/27/15 18:27		1
2-Hexanone	ND		10.0		ug/L		06/27/15 18:27		1
Isopropylbenzene	ND		1.00		ug/L		06/27/15 18:27		1
Methyl acetate	ND		10.0		ug/L		06/27/15 18:27		1
Methylcyclohexane	ND		5.00		ug/L		06/27/15 18:27		1
Methylene Chloride	ND		5.00		ug/L		06/27/15 18:27		1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L		06/27/15 18:27		1
Methyl tert-butyl ether	ND		1.00		ug/L		06/27/15 18:27		1
Naphthalene	ND		5.00		ug/L		06/27/15 18:27		1
Styrene	ND		1.00		ug/L		06/27/15 18:27		1
Tert-amyl methyl ether	ND		1.00		ug/L		06/27/15 18:27		1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L		06/27/15 18:27		1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L		06/27/15 18:27		1
Tetrachloroethene	ND		1.00		ug/L		06/27/15 18:27		1
Toluene	ND		1.00		ug/L		06/27/15 18:27		1
trans-1,2-Dichloroethene	ND		1.00		ug/L		06/27/15 18:27		1
trans-1,3-Dichloropropene	ND		1.00		ug/L		06/27/15 18:27		1
1,2,3-Trichlorobenzene	ND		1.00		ug/L		06/27/15 18:27		1
1,2,4-Trichlorobenzene	ND		1.00		ug/L		06/27/15 18:27		1
1,1,1-Trichloroethane	ND		1.00		ug/L		06/27/15 18:27		1
1,1,2-Trichloroethane	ND		1.00		ug/L		06/27/15 18:27		1
Trichloroethene	ND		1.00		ug/L		06/27/15 18:27		1
Trichlorofluoromethane	ND		1.00		ug/L		06/27/15 18:27		1
Vinyl chloride	ND		1.00		ug/L		06/27/15 18:27		1
m,p-Xylene	ND		2.00		ug/L		06/27/15 18:27		1
o-Xylene	ND		1.00		ug/L		06/27/15 18:27		1
Xylenes, Total	ND		3.00		ug/L		06/27/15 18:27		1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130		06/27/15 18:27	1

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 490-260093/7**

**Matrix: Water**

**Analysis Batch: 260093**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)		105			70 - 130		06/27/15 18:27	1
1,2-Dichloroethane-d4 (Surr)		92			70 - 130		06/27/15 18:27	1
Toluene-d8 (Surr)		100			70 - 130		06/27/15 18:27	1

**Lab Sample ID: LCS 490-260093/4**

**Matrix: Water**

**Analysis Batch: 260093**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LC S	LC S	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Acetone	100	77.63		ug/L		78	54 - 145	
Benzene	20.0	20.26		ug/L		101	80 - 121	
Bromochloromethane	20.0	19.33		ug/L		97	78 - 129	
Bromodichloromethane	20.0	18.27		ug/L		91	75 - 129	
Bromoform	20.0	20.26		ug/L		101	46 - 145	
Bromomethane	20.0	15.96		ug/L		80	41 - 150	
2-Butanone (MEK)	100	95.80		ug/L		96	62 - 133	
Carbon disulfide	20.0	18.32		ug/L		92	77 - 126	
Carbon tetrachloride	20.0	20.37		ug/L		102	64 - 147	
Chlorobenzene	20.0	19.34		ug/L		97	80 - 120	
Chlorodibromomethane	20.0	17.94		ug/L		90	69 - 133	
Chloroethane	20.0	18.49		ug/L		92	72 - 120	
Chloroform	20.0	19.76		ug/L		99	73 - 129	
Chloromethane	20.0	14.27		ug/L		71	12 - 150	
cis-1,2-Dichloroethene	20.0	19.71		ug/L		99	76 - 125	
cis-1,3-Dichloropropene	20.0	19.03		ug/L		95	74 - 140	
Cyclohexane	20.0	20.42		ug/L		102	73 - 122	
1,2-Dibromo-3-Chloropropane	20.0	17.38		ug/L		87	54 - 125	
1,2-Dibromoethane (EDB)	20.0	18.84		ug/L		94	80 - 129	
1,2-Dichlorobenzene	20.0	19.87		ug/L		99	80 - 121	
1,3-Dichlorobenzene	20.0	19.99		ug/L		100	80 - 122	
1,4-Dichlorobenzene	20.0	19.61		ug/L		98	80 - 120	
Dichlorodifluoromethane	20.0	20.32		ug/L		102	37 - 127	
1,1-Dichloroethane	20.0	18.26		ug/L		91	78 - 125	
1,2-Dichloroethane	20.0	18.21		ug/L		91	77 - 121	
1,1-Dichloroethene	20.0	19.61		ug/L		98	79 - 124	
1,2-Dichloropropane	20.0	19.42		ug/L		97	75 - 120	
Diisopropyl ether	20.0	17.57		ug/L		88	61 - 142	
Ethylbenzene	20.0	19.90		ug/L		100	80 - 130	
Ethyl tert-butyl ether	20.0	19.93		ug/L		100	63 - 135	
Freon 113	20.0	20.32		ug/L		102	77 - 129	
2-Hexanone	100	105.3		ug/L		105	60 - 142	
Isopropylbenzene	20.0	19.15		ug/L		96	80 - 141	
Methyl acetate	100	86.66		ug/L		87	64 - 150	
Methylcyclohexane	20.0	20.27		ug/L		101	71 - 129	
Methylene Chloride	20.0	16.97		ug/L		85	79 - 123	
4-Methyl-2-pentanone (MIBK)	100	95.01		ug/L		95	60 - 137	
Methyl tert-butyl ether	20.0	18.44		ug/L		92	72 - 133	
Naphthalene	20.0	19.14		ug/L		96	62 - 138	

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 490-260093/4**

**Matrix: Water**

**Analysis Batch: 260093**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
Styrene	20.0	18.37		ug/L		92	80 - 127		
Tert-amyl methyl ether	20.0	19.42		ug/L		97	63 - 135		
tert-Butyl alcohol (TBA)	200	153.3		ug/L		77	54 - 150		
1,1,2,2-Tetrachloroethane	20.0	18.66		ug/L		93	69 - 131		
Tetrachloroethylene	20.0	20.45		ug/L		102	80 - 126		
Toluene	20.0	19.54		ug/L		98	80 - 126		
trans-1,2-Dichloroethylene	20.0	18.00		ug/L		90	79 - 126		
trans-1,3-Dichloropropene	20.0	18.53		ug/L		93	63 - 134		
1,2,3-Trichlorobenzene	20.0	19.72		ug/L		99	62 - 133		
1,2,4-Trichlorobenzene	20.0	19.40		ug/L		97	63 - 133		
1,1,1-Trichloroethane	20.0	19.62		ug/L		98	78 - 135		
1,1,2-Trichloroethane	20.0	19.57		ug/L		98	80 - 124		
Trichloroethylene	20.0	19.78		ug/L		99	80 - 123		
Trichlorofluoromethane	20.0	19.36		ug/L		97	65 - 124		
Vinyl chloride	20.0	19.66		ug/L		98	68 - 120		
m,p-Xylene	20.0	20.12		ug/L		101	80 - 141		
o-Xylene	20.0	19.46		ug/L		97	80 - 127		
Xylenes, Total	40.0	39.58		ug/L		99	80 - 132		
<b>Surrogate</b>	<b>LCS</b>	<b>LCS</b>							
	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene (Surr)	98		70 - 130						
Dibromofluoromethane (Surr)	105		70 - 130						
1,2-Dichloroethane-d4 (Surr)	95		70 - 130						
Toluene-d8 (Surr)	98		70 - 130						

**Lab Sample ID: 490-81551-B-1 MS**

**Matrix: Water**

**Analysis Batch: 260093**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Acetone	ND		250	222.1		ug/L		89	45 - 141
Benzene	ND		50.0	52.11		ug/L		104	75 - 133
Bromochloromethane	ND		50.0	45.25		ug/L		90	67 - 139
Bromodichloromethane	ND		50.0	50.52		ug/L		101	70 - 140
Bromoform	ND	F2	50.0	57.66		ug/L		115	42 - 147
Bromomethane	ND		50.0	37.81		ug/L		76	16 - 163
2-Butanone (MEK)	ND		250	233.3		ug/L		93	50 - 138
Carbon disulfide	ND		50.0	49.38		ug/L		99	48 - 152
Carbon tetrachloride	ND		50.0	55.14		ug/L		110	62 - 164
Chlorobenzene	ND		50.0	49.63		ug/L		99	80 - 129
Chlorodibromomethane	ND		50.0	54.22		ug/L		108	66 - 140
Chloroethane	ND		50.0	51.08		ug/L		102	58 - 137
Chloroform	ND		50.0	48.76		ug/L		98	66 - 138
Chloromethane	ND	F2	50.0	43.90		ug/L		88	10 - 169
cis-1,2-Dichloroethylene	ND		50.0	49.27		ug/L		99	68 - 138
cis-1,3-Dichloropropene	ND	F1 F2	50.0	74.21	F1	ug/L		148	71 - 141
Cyclohexane	ND		50.0	51.14		ug/L		102	58 - 144
1,2-Dibromo-3-Chloropropane	ND	* F2	50.0	31.49		ug/L		63	52 - 126

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 490-81551-B-1 MS**

**Matrix: Water**

**Analysis Batch: 260093**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits	
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dibromoethane (EDB)	ND		50.0	49.27		ug/L	99	75 - 137			
1,2-Dichlorobenzene	ND *		50.0	48.22		ug/L	96	79 - 128			
1,3-Dichlorobenzene	ND *		50.0	50.82		ug/L	102	77 - 131			
1,4-Dichlorobenzene	ND *		50.0	47.93		ug/L	96	78 - 126			
Dichlorodifluoromethane	ND		50.0	56.49		ug/L	113	40 - 127			
1,1-Dichloroethane	ND		50.0	52.62		ug/L	105	71 - 139			
1,2-Dichloroethane	ND		50.0	46.30		ug/L	93	64 - 136			
1,1-Dichloroethene	ND		50.0	52.17		ug/L	104	70 - 142			
1,2-Dichloropropane	ND		50.0	53.56		ug/L	107	67 - 131			
Diisopropyl ether	ND		50.0	50.40		ug/L	101	10 - 200			
Ethylbenzene	ND		50.0	50.80		ug/L	102	79 - 139			
Ethyl tert-butyl ether	ND		50.0	50.06		ug/L	100	60 - 138			
Freon 113	ND		50.0	56.04		ug/L	112	72 - 148			
2-Hexanone	ND F2		250	303.9		ug/L	122	50 - 150			
Isopropylbenzene	ND		50.0	54.69		ug/L	109	80 - 153			
Methyl acetate	ND		250	241.8		ug/L	97	30 - 165			
Methylcyclohexane	ND		50.0	52.30		ug/L	105	59 - 151			
Methylene Chloride	ND		50.0	49.73		ug/L	99	64 - 139			
4-Methyl-2-pentanone (MIBK)	ND F2		250	290.1		ug/L	116	50 - 147			
Methyl tert-butyl ether	ND		50.0	49.93		ug/L	100	66 - 141			
Naphthalene	ND * F1 F2		50.0	26.19 F1		ug/L	52	55 - 140			
Styrene	ND		50.0	48.01		ug/L	96	61 - 148			
Tert-amyl methyl ether	ND		50.0	43.19		ug/L	86	61 - 138			
tert-Butyl alcohol (TBA)	ND		500	433.2		ug/L	87	50 - 183			
1,1,2,2-Tetrachloroethane	ND * F2		50.0	44.11		ug/L	88	56 - 143			
Tetrachloroethene	ND F2		50.0	71.63		ug/L	143	72 - 145			
Toluene	ND F2		50.0	67.62		ug/L	135	75 - 136			
trans-1,2-Dichloroethene	ND		50.0	52.64		ug/L	105	66 - 143			
trans-1,3-Dichloropropene	ND F2		50.0	61.04		ug/L	122	59 - 135			
1,2,3-Trichlorobenzene	ND * F2		50.0	29.21		ug/L	58	55 - 138			
1,2,4-Trichlorobenzene	ND * F2		50.0	32.20		ug/L	64	60 - 136			
1,1,1-Trichloroethane	ND		50.0	51.33		ug/L	103	76 - 149			
1,1,2-Trichloroethane	ND F2		50.0	62.93		ug/L	126	74 - 134			
Trichloroethene	ND		50.0	53.24		ug/L	106	73 - 144			
Trichlorofluoromethane	ND		50.0	51.81		ug/L	104	58 - 139			
Vinyl chloride	ND		50.0	56.32		ug/L	113	56 - 129			
m,p-Xylene	ND		50.0	53.57		ug/L	107	80 - 153			
o-Xylene	ND		50.0	51.84		ug/L	104	74 - 138			
Xylenes, Total	ND		100	105.4		ug/L	105	74 - 141			
<b>MS MS</b>											
Surrogate	%Recovery	Qualifier		MS	MS	Limits					
4-Bromofluorobenzene (Surr)	85			70 - 130							
Dibromofluoromethane (Surr)	103			70 - 130							
1,2-Dichloroethane-d4 (Surr)	92			70 - 130							
Toluene-d8 (Surr)	128			70 - 130							

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-81551-C-1 MSD				Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	Limit
Acetone	ND		250	234.6		ug/L	94	45 - 141	5	21	
Benzene	ND		50.0	53.51		ug/L	107	75 - 133	3	17	
Bromochloromethane	ND		50.0	46.10		ug/L	92	67 - 139	2	17	
Bromodichloromethane	ND		50.0	46.83		ug/L	94	70 - 140	8	18	
Bromoform	ND F2		50.0	48.69	F2	ug/L	97	42 - 147	17	16	
Bromomethane	ND		50.0	29.79		ug/L	60	16 - 163	24	50	
2-Butanone (MEK)	ND		250	237.8		ug/L	95	50 - 138	2	19	
Carbon disulfide	ND		50.0	51.80		ug/L	104	48 - 152	5	21	
Carbon tetrachloride	ND		50.0	58.14		ug/L	116	62 - 164	5	19	
Chlorobenzene	ND		50.0	52.72		ug/L	105	80 - 129	6	14	
Chlorodibromomethane	ND		50.0	47.01		ug/L	94	66 - 140	14	15	
Chloroethane	ND		50.0	53.04		ug/L	106	58 - 137	4	20	
Chloroform	ND		50.0	52.10		ug/L	104	66 - 138	7	18	
Chloromethane	ND F2		50.0	15.50	F2	ug/L	31	10 - 169	96	31	
cis-1,2-Dichloroethene	ND		50.0	51.34		ug/L	103	68 - 138	4	17	
cis-1,3-Dichloropropene	ND F1 F2		50.0	50.01	F2	ug/L	100	71 - 141	39	15	
Cyclohexane	ND		50.0	53.60		ug/L	107	58 - 144	5	16	
1,2-Dibromo-3-Chloropropane	ND * F2		50.0	44.98	F2	ug/L	90	52 - 126	35	24	
1,2-Dibromoethane (EDB)	ND		50.0	50.07		ug/L	100	75 - 137	2	15	
1,2-Dichlorobenzene	ND *		50.0	55.19		ug/L	110	79 - 128	13	15	
1,3-Dichlorobenzene	ND *		50.0	59.29		ug/L	119	77 - 131	15	15	
1,4-Dichlorobenzene	ND *		50.0	54.49		ug/L	109	78 - 126	13	15	
Dichlorodifluoromethane	ND		50.0	57.08		ug/L	114	40 - 127	1	18	
1,1-Dichloroethane	ND		50.0	54.47		ug/L	109	71 - 139	3	17	
1,2-Dichloroethane	ND		50.0	47.88		ug/L	96	64 - 136	3	17	
1,1-Dichloroethene	ND		50.0	57.84		ug/L	116	70 - 142	10	17	
1,2-Dichloropropane	ND		50.0	54.41		ug/L	109	67 - 131	2	17	
Diisopropyl ether	ND		50.0	52.71		ug/L	105	10 - 200	4	50	
Ethylbenzene	ND		50.0	55.44		ug/L	111	79 - 139	9	15	
Ethyl tert-butyl ether	ND		50.0	52.88		ug/L	106	60 - 138	5	19	
Freon 113	ND		50.0	58.35		ug/L	117	72 - 148	4	18	
2-Hexanone	ND F2		250	237.6	F2	ug/L	95	50 - 150	24	15	
Isopropylbenzene	ND		50.0	55.90		ug/L	112	80 - 153	2	16	
Methyl acetate	ND		250	239.8		ug/L	96	30 - 165	1	31	
Methylcyclohexane	ND		50.0	53.78		ug/L	108	59 - 151	3	19	
Methylene Chloride	ND		50.0	52.20		ug/L	104	64 - 139	5	17	
4-Methyl-2-pentanone (MIBK)	ND F2		250	217.2	F2	ug/L	87	50 - 147	29	17	
Methyl tert-butyl ether	ND		50.0	51.81		ug/L	104	66 - 141	4	16	
Naphthalene	ND * F1 F2		50.0	51.47	F2	ug/L	103	55 - 140	65	26	
Styrene	ND		50.0	42.74		ug/L	85	61 - 148	12	24	
Tert-amyl methyl ether	ND		50.0	44.40		ug/L	89	61 - 138	3	15	
tert-Butyl alcohol (TBA)	ND		500	437.8		ug/L	88	50 - 183	1	32	
1,1,2,2-Tetrachloroethane	ND * F2		50.0	55.31	F2	ug/L	111	56 - 143	23	20	
Tetrachloroethene	ND F2		50.0	50.02	F2	ug/L	100	72 - 145	36	16	
Toluene	ND F2		50.0	52.86	F2	ug/L	106	75 - 136	25	15	
trans-1,2-Dichloroethene	ND		50.0	55.42		ug/L	111	66 - 143	5	16	
trans-1,3-Dichloropropene	ND F2		50.0	47.16	F2	ug/L	94	59 - 135	26	14	
1,2,3-Trichlorobenzene	ND * F2		50.0	66.89	F2	ug/L	134	55 - 138	78	25	

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 490-81551-C-1 MSD**

**Matrix: Water**

**Analysis Batch: 260093**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,2,4-Trichlorobenzene	ND	* F2	50.0	57.44	F2	ug/L	115	60 - 136	56	19	
1,1,1-Trichloroethane	ND		50.0	53.71		ug/L	107	76 - 149	5	17	
1,1,2-Trichloroethane	ND	F2	50.0	47.75	F2	ug/L	95	74 - 134	27	15	
Trichloroethylene	ND		50.0	55.07		ug/L	110	73 - 144	3	17	
Trichlorofluoromethane	ND		50.0	58.30		ug/L	117	58 - 139	12	18	
Vinyl chloride	ND		50.0	58.00		ug/L	116	56 - 129	3	17	
m,p-Xylene	ND		50.0	52.76		ug/L	106	80 - 153	2	16	
o-Xylene	ND		50.0	47.48		ug/L	95	74 - 138	9	14	
Xylenes, Total	ND		100	100.2		ug/L	100	74 - 141	5	15	
<b>Surrogate</b>											
4-Bromofluorobenzene (Surr)	98			<b>MSD</b>		<b>MSD</b>		<b>%Recovery</b>			
Dibromofluoromethane (Surr)	103			<b>Qualifer</b>		<b>Limits</b>					
1,2-Dichloroethane-d4 (Surr)	91										
Toluene-d8 (Surr)	106										

## Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

**Lab Sample ID: MB 490-259628/8**

**Matrix: Water**

**Analysis Batch: 259628**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Gasoline Range Organics [C6 - C10]	ND				100		ug/L			06/26/15 16:25	1
<b>Surrogate</b>	<b>MB</b>	<b>MB</b>									
a,a,a-Trifluorotoluene	77				50 - 150						

**Lab Sample ID: LCS 490-259628/28**

**Matrix: Water**

**Analysis Batch: 259628**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits	
	Added										
Gasoline Range Organics [C6 - C10]	1000			1009		ug/L	101	66 - 140			
<b>Surrogate</b>	<b>LCS</b>	<b>LCS</b>									
a,a,a-Trifluorotoluene	64			50 - 150							

**Lab Sample ID: LCSD 490-259628/29**

**Matrix: Water**

**Analysis Batch: 259628**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Added											
Gasoline Range Organics [C6 - C10]	1000			892.1		ug/L	89	66 - 140			12	42

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# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## **Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics) (Continued)**

**Lab Sample ID: LCSD 490-259628/29**

**Matrix: Water**

**Analysis Batch: 259628**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	64		50 - 150

## **Method: RSK-175 - Dissolved Gases (GC)**

**Lab Sample ID: MB 490-260087/3**

**Matrix: Water**

**Analysis Batch: 260087**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00500		mg/L	-		06/27/15 14:05	1
<hr/>									
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Acetylene (Surr)	96		62 - 124					06/27/15 14:05	1

**Lab Sample ID: LCS 490-260087/4**

**Matrix: Water**

**Analysis Batch: 260087**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	%Rec. Limits
Methane		0.279	0.2626		mg/L	-	94	80 - 120
<hr/>								
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
Acetylene (Surr)	92		62 - 124					

**Lab Sample ID: 460-96931-B-1 MS**

**Matrix: Water**

**Analysis Batch: 260087**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	%Rec. Limits
Methane	0.00923		0.279	0.2323		mg/L	-	80	46 - 142
<hr/>									
Surrogate	MS %Recovery	MS Qualifier	Limits						
Acetylene (Surr)	79		62 - 124						

**Lab Sample ID: 460-96931-B-1 MSD**

**Matrix: Water**

**Analysis Batch: 260087**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD
Methane	0.00923		0.279	0.2352		mg/L	-	81	46 - 142
<hr/>									
Surrogate	MSD %Recovery	MSD Qualifier	Limits						Limit
Acetylene (Surr)	83		62 - 124						1 30

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 490-259880/1-A**

**Matrix: Water**

**Analysis Batch: 260363**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 259880**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.100	mg/L		06/26/15 17:37	06/28/15 18:16		1
Sulfur	ND		0.250	mg/L		06/26/15 17:37	06/28/15 18:16		1

**Lab Sample ID: LCS 490-259880/2-A**

**Matrix: Water**

**Analysis Batch: 260363**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 259880**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Iron	1.00	1.032		mg/L	103	80 - 120	
Sulfur	1.00	1.046		mg/L	105	80 - 120	

**Lab Sample ID: LCSD 490-259880/3-A**

**Matrix: Water**

**Analysis Batch: 260363**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 259880**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD
Iron	1.00	1.031		mg/L	103	80 - 120	0	20
Sulfur	1.00	1.020		mg/L	102	80 - 120	3	20

**Lab Sample ID: 490-81391-8 MS**

**Matrix: Water**

**Analysis Batch: 260363**

**Client Sample ID: MW 11**

**Prep Type: Total/NA**

**Prep Batch: 259880**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Iron	98.9		1.00	95.14	4	mg/L	-372	75 - 125	
Sulfur	0.917	F1	1.00	1.546	F1	mg/L	63	75 - 125	

**Lab Sample ID: 490-81391-8 MSD**

**Matrix: Water**

**Analysis Batch: 260363**

**Client Sample ID: MW 11**

**Prep Type: Total/NA**

**Prep Batch: 259880**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD
Iron	98.9		1.00	93.55	4	mg/L	-531	75 - 125	2	20
Sulfur	0.917	F1	1.00	1.558	F1	mg/L	64	75 - 125	1	20

**Lab Sample ID: MB 490-259913/1-A**

**Matrix: Water**

**Analysis Batch: 260280**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 259913**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.100	mg/L		06/26/15 18:20	06/27/15 13:32		1
Sulfur	ND		0.250	mg/L		06/26/15 18:20	06/27/15 13:32		1

**Lab Sample ID: LCS 490-259913/2-A**

**Matrix: Water**

**Analysis Batch: 260280**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 259913**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Iron	1.00	1.004		mg/L	100	80 - 120	

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 490-259913/2-A**

**Matrix: Water**

**Analysis Batch: 260280**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Sulfur	1.00	0.9203		mg/L	92	80 - 120	

**Lab Sample ID: LCSD 490-259913/3-A**

**Matrix: Water**

**Analysis Batch: 260280**

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier						
Iron	1.00	1.032		mg/L	103	80 - 120		3	20
Sulfur	1.00	0.9377		mg/L	94	80 - 120		2	20

**Lab Sample ID: 490-81327-D-1-B MS**

**Matrix: Water**

**Analysis Batch: 260280**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Iron	50.9		1.00	50.98	4	mg/L	13	75 - 125	
Sulfur	0.407		1.00	1.334		mg/L	93	75 - 125	

**Lab Sample ID: 490-81327-D-1-C MSD**

**Matrix: Water**

**Analysis Batch: 260280**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Iron	50.9		1.00	49.14	4	mg/L	-171	75 - 125		4
Sulfur	0.407		1.00	1.303		mg/L	90	75 - 125		2

## Method: 351.2 - Nitrogen, Total Kjeldahl

**Lab Sample ID: MB 490-260178/1-A**

**Matrix: Water**

**Analysis Batch: 260489**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Kjeldahl Nitrogen as N	ND		0.250		mg/L		06/27/15 16:41	06/28/15 09:47	1

**Lab Sample ID: LCS 490-260178/2-A**

**Matrix: Water**

**Analysis Batch: 260489**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Kjeldahl Nitrogen as N	2.50	2.350		mg/L	94	90 - 110	

**Lab Sample ID: 490-81006-B-1-F MS**

**Matrix: Water**

**Analysis Batch: 260489**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Kjeldahl Nitrogen as N	ND		2.50	2.560		mg/L	98	90 - 110	

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 260178**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 260178**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 260178**

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 490-81006-B-1-G MSD Matrix: Water Analysis Batch: 260489								Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA Prep Batch: 260178					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD	Limit	Limit
Kjeldahl Nitrogen as N	ND		2.50	2.720		mg/L		105	90 - 110	6		20	
Lab Sample ID: 590-1096-C-1-H MS Matrix: Water Analysis Batch: 260489								Client Sample ID: Matrix Spike Prep Type: Total/NA Prep Batch: 260178					
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits				
Kjeldahl Nitrogen as N	ND		2.50	1.650	F1	mg/L		63	90 - 110				
Lab Sample ID: 590-1096-C-1-I MSD Matrix: Water Analysis Batch: 260489								Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA Prep Batch: 260178					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD	Limit	Limit
Kjeldahl Nitrogen as N	ND		2.50	1.590	F1	mg/L		60	90 - 110	4		20	
Lab Sample ID: MB 490-260293/1-A Matrix: Water Analysis Batch: 260659								Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 260293					
Analyte	MB Result	MB Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Kjeldahl Nitrogen as N	ND			0.250		mg/L		06/28/15 17:50	06/29/15 10:00				1
Lab Sample ID: LCS 490-260293/2-A Matrix: Water Analysis Batch: 260659								Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 260293					
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits				
Kjeldahl Nitrogen as N			2.50	2.450		mg/L		98	90 - 110				
Lab Sample ID: 460-96855-C-1-B MS Matrix: Water Analysis Batch: 260659								Client Sample ID: Matrix Spike Prep Type: Total/NA Prep Batch: 260293					
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits				
Kjeldahl Nitrogen as N	0.929		2.50	3.130	F1	mg/L		88	90 - 110				
Lab Sample ID: 460-96855-C-1-C MSD Matrix: Water Analysis Batch: 260659								Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA Prep Batch: 260293					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD	Limit	Limit
Kjeldahl Nitrogen as N	0.929		2.50	3.360		mg/L		97	90 - 110	7		20	
Lab Sample ID: 490-81391-2 MS Matrix: Water Analysis Batch: 260659								Client Sample ID: MW 4B Prep Type: Total/NA Prep Batch: 260293					
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits				
Kjeldahl Nitrogen as N	ND	F1	2.50	1.830	F1	mg/L		69	90 - 110				

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Lab Sample ID:** 490-81391-2 MSD  
**Matrix:** Water  
**Analysis Batch:** 260659

**Client Sample ID:** MW 4B  
**Prep Type:** Total/NA  
**Prep Batch:** 260293

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier					
Kjeldahl Nitrogen as N	ND	F1	2.50	1.930	F1	mg/L	73	90 - 110	5	20

## Method: 353.2 - Nitrogen, Nitrate-Nitrite

**Lab Sample ID:** MB 490-259846/4  
**Matrix:** Water  
**Analysis Batch:** 259846

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrate Nitrite as N	ND		0.100		mg/L			06/26/15 15:39	1

**Lab Sample ID:** LCS 490-259846/5  
**Matrix:** Water  
**Analysis Batch:** 259846

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	RPD
	Added	Result	Qualifier						
Nitrate Nitrite as N	0.996	1.004		mg/L	101	90 - 110			

**Lab Sample ID:** LCSD 490-259846/6  
**Matrix:** Water  
**Analysis Batch:** 259846

**Client Sample ID:** Lab Control Sample Dup  
**Prep Type:** Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	Limits	RPD
	Added	Result	Qualifier						
Nitrate Nitrite as N	0.996	1.007		mg/L	101	90 - 110	0		20

**Lab Sample ID:** MB 490-259878/6  
**Matrix:** Water  
**Analysis Batch:** 259878

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrate Nitrite as N	ND		0.100		mg/L			06/26/15 17:19	1

**Lab Sample ID:** LCS 490-259878/7  
**Matrix:** Water  
**Analysis Batch:** 259878

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	RPD
	Added	Result	Qualifier						
Nitrate Nitrite as N	0.996	1.015		mg/L	102	90 - 110			

**Lab Sample ID:** LCSD 490-259878/8  
**Matrix:** Water  
**Analysis Batch:** 259878

**Client Sample ID:** Lab Control Sample Dup  
**Prep Type:** Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	Limits	RPD
	Added	Result	Qualifier						
Nitrate Nitrite as N	0.996	1.018		mg/L	102	90 - 110	0		20

TestAmerica Nashville

# QC Sample Results

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

**Lab Sample ID: MB 490-260034/4**

**Matrix: Water**

**Analysis Batch: 260034**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100		mg/L			06/27/15 10:44	1

**Lab Sample ID: LCS 490-260034/5**

**Matrix: Water**

**Analysis Batch: 260034**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Nitrate Nitrite as N	0.996	0.9410		mg/L		94	90 - 110

**Lab Sample ID: LCSD 490-260034/6**

**Matrix: Water**

**Analysis Batch: 260034**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	Limits	RPD	Limit
Nitrate Nitrite as N	0.996	0.9510		mg/L		95	90 - 110	1	20

**Lab Sample ID: 490-81432-C-1 MS**

**Matrix: Water**

**Analysis Batch: 260034**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Nitrate Nitrite as N	3.21	F1	0.996	4.305		mg/L		110	90 - 110

**Lab Sample ID: 490-81432-C-1 MSD**

**Matrix: Water**

**Analysis Batch: 260034**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	Limit
Nitrate Nitrite as N	3.21	F1	0.996	4.306	F1	mg/L		111	90 - 110	0	20

# QC Association Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## GC/MS VOA

### Analysis Batch: 259617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-1	MW 4A	Total/NA	Water	8260B	1
490-81391-1 MS	MW 4A	Total/NA	Water	8260B	2
490-81391-1 MSD	MW 4A	Total/NA	Water	8260B	3
490-81391-2	MW 4B	Total/NA	Water	8260B	4
490-81391-3	MW 6	Total/NA	Water	8260B	5
490-81391-4	MW 8A	Total/NA	Water	8260B	6
490-81391-5	MW 8B	Total/NA	Water	8260B	7
490-81391-6	MW 9	Total/NA	Water	8260B	8
490-81391-7	MW 10	Total/NA	Water	8260B	9
490-81391-8	MW 11	Total/NA	Water	8260B	10
490-81391-9	MW 12	Total/NA	Water	8260B	11
490-81391-10	MW 13	Total/NA	Water	8260B	12
490-81391-11	HW 3	Total/NA	Water	8260B	13
LCS 490-259617/3	Lab Control Sample	Total/NA	Water	8260B	
MB 490-259617/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 260093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-1	MW 4A	Total/NA	Water	8260B	1
490-81391-6	MW 9	Total/NA	Water	8260B	2
490-81391-10	MW 13	Total/NA	Water	8260B	3
490-81391-11	HW 3	Total/NA	Water	8260B	4
490-81551-B-1 MS	Matrix Spike	Total/NA	Water	8260B	5
490-81551-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	6
LCS 490-260093/4	Lab Control Sample	Total/NA	Water	8260B	7
MB 490-260093/7	Method Blank	Total/NA	Water	8260B	8

## GC VOA

### Analysis Batch: 259628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-1	MW 4A	Total/NA	Water	8015C	1
490-81391-2	MW 4B	Total/NA	Water	8015C	2
490-81391-3	MW 6	Total/NA	Water	8015C	3
490-81391-4	MW 8A	Total/NA	Water	8015C	4
490-81391-5	MW 8B	Total/NA	Water	8015C	5
490-81391-6	MW 9	Total/NA	Water	8015C	6
490-81391-7	MW 10	Total/NA	Water	8015C	7
490-81391-8	MW 11	Total/NA	Water	8015C	8
490-81391-9	MW 12	Total/NA	Water	8015C	9
490-81391-10	MW 13	Total/NA	Water	8015C	10
490-81391-11	HW 3	Total/NA	Water	8015C	11
LCS 490-259628/28	Lab Control Sample	Total/NA	Water	8015C	12
LCSD 490-259628/29	Lab Control Sample Dup	Total/NA	Water	8015C	13
MB 490-259628/8	Method Blank	Total/NA	Water	8015C	

### Analysis Batch: 260087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-96931-B-1 MS	Matrix Spike	Total/NA	Water	RSK-175	1
460-96931-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	RSK-175	2

TestAmerica Nashville

# QC Association Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## GC VOA (Continued)

### Analysis Batch: 260087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-1	MW 4A	Total/NA	Water	RSK-175	
490-81391-2	MW 4B	Total/NA	Water	RSK-175	
490-81391-3	MW 6	Total/NA	Water	RSK-175	
490-81391-4	MW 8A	Total/NA	Water	RSK-175	
490-81391-5	MW 8B	Total/NA	Water	RSK-175	
490-81391-6	MW 9	Total/NA	Water	RSK-175	
490-81391-7	MW 10	Total/NA	Water	RSK-175	
490-81391-8	MW 11	Total/NA	Water	RSK-175	
490-81391-9	MW 12	Total/NA	Water	RSK-175	
490-81391-10	MW 13	Total/NA	Water	RSK-175	
490-81391-11	HW 3	Total/NA	Water	RSK-175	
LCS 490-260087/4	Lab Control Sample	Total/NA	Water	RSK-175	
MB 490-260087/3	Method Blank	Total/NA	Water	RSK-175	

## Metals

### Prep Batch: 259880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-8	MW 11	Total/NA	Water	3010A	
490-81391-8 MS	MW 11	Total/NA	Water	3010A	
490-81391-8 MSD	MW 11	Total/NA	Water	3010A	
490-81391-9	MW 12	Total/NA	Water	3010A	
490-81391-10	MW 13	Total/NA	Water	3010A	
490-81391-11	HW 3	Total/NA	Water	3010A	
LCS 490-259880/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 490-259880/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 490-259880/1-A	Method Blank	Total/NA	Water	3010A	

### Prep Batch: 259913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81327-D-1-B MS	Matrix Spike	Total/NA	Water	3010A	
490-81327-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
490-81391-1	MW 4A	Total/NA	Water	3010A	
490-81391-2	MW 4B	Total/NA	Water	3010A	
490-81391-3	MW 6	Total/NA	Water	3010A	
490-81391-4	MW 8A	Total/NA	Water	3010A	
490-81391-5	MW 8B	Total/NA	Water	3010A	
490-81391-6	MW 9	Total/NA	Water	3010A	
490-81391-7	MW 10	Total/NA	Water	3010A	
LCS 490-259913/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 490-259913/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 490-259913/1-A	Method Blank	Total/NA	Water	3010A	

### Analysis Batch: 260280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81327-D-1-B MS	Matrix Spike	Total/NA	Water	6010B	259913
490-81327-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	259913
490-81391-1	MW 4A	Total/NA	Water	6010B	259913
490-81391-2	MW 4B	Total/NA	Water	6010B	259913
490-81391-3	MW 6	Total/NA	Water	6010B	259913

TestAmerica Nashville

# QC Association Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## Metals (Continued)

### Analysis Batch: 260280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-4	MW 8A	Total/NA	Water	6010B	259913
490-81391-5	MW 8B	Total/NA	Water	6010B	259913
490-81391-6	MW 9	Total/NA	Water	6010B	259913
490-81391-7	MW 10	Total/NA	Water	6010B	259913
LCS 490-259913/2-A	Lab Control Sample	Total/NA	Water	6010B	259913
LCSD 490-259913/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	259913
MB 490-259913/1-A	Method Blank	Total/NA	Water	6010B	259913

### Analysis Batch: 260363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-8	MW 11	Total/NA	Water	6010B	259880
490-81391-8 MS	MW 11	Total/NA	Water	6010B	259880
490-81391-8 MSD	MW 11	Total/NA	Water	6010B	259880
490-81391-9	MW 12	Total/NA	Water	6010B	259880
490-81391-10	MW 13	Total/NA	Water	6010B	259880
490-81391-11	HW 3	Total/NA	Water	6010B	259880
LCS 490-259880/2-A	Lab Control Sample	Total/NA	Water	6010B	259880
LCSD 490-259880/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	259880
MB 490-259880/1-A	Method Blank	Total/NA	Water	6010B	259880

### Analysis Batch: 260688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-6	MW 9	Total/NA	Water	6010B	259913
490-81391-7	MW 10	Total/NA	Water	6010B	259913

## General Chemistry

### Analysis Batch: 259846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-11	HW 3	Total/NA	Water	353.2	
LCS 490-259846/5	Lab Control Sample	Total/NA	Water	353.2	
LCSD 490-259846/6	Lab Control Sample Dup	Total/NA	Water	353.2	
MB 490-259846/4	Method Blank	Total/NA	Water	353.2	

### Analysis Batch: 259878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-1	MW 4A	Total/NA	Water	353.2	
490-81391-3	MW 6	Total/NA	Water	353.2	
490-81391-4	MW 8A	Total/NA	Water	353.2	
490-81391-5	MW 8B	Total/NA	Water	353.2	
490-81391-6	MW 9	Total/NA	Water	353.2	
490-81391-7	MW 10	Total/NA	Water	353.2	
490-81391-8	MW 11	Total/NA	Water	353.2	
490-81391-9	MW 12	Total/NA	Water	353.2	
490-81391-10	MW 13	Total/NA	Water	353.2	
LCS 490-259878/7	Lab Control Sample	Total/NA	Water	353.2	
LCSD 490-259878/8	Lab Control Sample Dup	Total/NA	Water	353.2	
MB 490-259878/6	Method Blank	Total/NA	Water	353.2	

# QC Association Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## General Chemistry (Continued)

### Analysis Batch: 260034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-2	MW 4B	Total/NA	Water	353.2	
490-81432-C-1 MS	Matrix Spike	Total/NA	Water	353.2	
490-81432-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	353.2	
LCS 490-260034/5	Lab Control Sample	Total/NA	Water	353.2	
LCSD 490-260034/6	Lab Control Sample Dup	Total/NA	Water	353.2	
MB 490-260034/4	Method Blank	Total/NA	Water	353.2	

### Prep Batch: 260178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81006-B-1-F MS	Matrix Spike	Total/NA	Water	351.2	
490-81006-B-1-G MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	
490-81391-11	HW 3	Total/NA	Water	351.2	
590-1096-C-1-H MS	Matrix Spike	Total/NA	Water	351.2	
590-1096-C-1-I MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	
LCS 490-260178/2-A	Lab Control Sample	Total/NA	Water	351.2	
MB 490-260178/1-A	Method Blank	Total/NA	Water	351.2	

### Prep Batch: 260293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-96855-C-1-B MS	Matrix Spike	Total/NA	Water	351.2	
460-96855-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	
490-81391-1	MW 4A	Total/NA	Water	351.2	
490-81391-2	MW 4B	Total/NA	Water	351.2	
490-81391-2 MS	MW 4B	Total/NA	Water	351.2	
490-81391-2 MSD	MW 4B	Total/NA	Water	351.2	
490-81391-3	MW 6	Total/NA	Water	351.2	
490-81391-4	MW 8A	Total/NA	Water	351.2	
490-81391-5	MW 8B	Total/NA	Water	351.2	
490-81391-6	MW 9	Total/NA	Water	351.2	
490-81391-7	MW 10	Total/NA	Water	351.2	
490-81391-8	MW 11	Total/NA	Water	351.2	
490-81391-9	MW 12	Total/NA	Water	351.2	
490-81391-10	MW 13	Total/NA	Water	351.2	
LCS 490-260293/2-A	Lab Control Sample	Total/NA	Water	351.2	
MB 490-260293/1-A	Method Blank	Total/NA	Water	351.2	

### Analysis Batch: 260489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81006-B-1-F MS	Matrix Spike	Total/NA	Water	351.2	260178
490-81006-B-1-G MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	260178
490-81391-11	HW 3	Total/NA	Water	351.2	260178
590-1096-C-1-H MS	Matrix Spike	Total/NA	Water	351.2	260178
590-1096-C-1-I MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	260178
LCS 490-260178/2-A	Lab Control Sample	Total/NA	Water	351.2	260178
MB 490-260178/1-A	Method Blank	Total/NA	Water	351.2	260178

### Analysis Batch: 260659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-96855-C-1-B MS	Matrix Spike	Total/NA	Water	351.2	260293
460-96855-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	260293
490-81391-1	MW 4A	Total/NA	Water	351.2	260293

TestAmerica Nashville

# QC Association Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

## General Chemistry (Continued)

### Analysis Batch: 260659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-81391-2	MW 4B	Total/NA	Water	351.2	260293
490-81391-2 MS	MW 4B	Total/NA	Water	351.2	260293
490-81391-2 MSD	MW 4B	Total/NA	Water	351.2	260293
490-81391-3	MW 6	Total/NA	Water	351.2	260293
490-81391-4	MW 8A	Total/NA	Water	351.2	260293
490-81391-5	MW 8B	Total/NA	Water	351.2	260293
490-81391-6	MW 9	Total/NA	Water	351.2	260293
490-81391-7	MW 10	Total/NA	Water	351.2	260293
490-81391-8	MW 11	Total/NA	Water	351.2	260293
490-81391-9	MW 12	Total/NA	Water	351.2	260293
490-81391-10	MW 13	Total/NA	Water	351.2	260293
LCS 490-260293/2-A	Lab Control Sample	Total/NA	Water	351.2	260293
MB 490-260293/1-A	Method Blank	Total/NA	Water	351.2	260293

# Lab Chronicle

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 4A**  
**Date Collected: 06/23/15 11:35**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-1**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 19:40	JJR	TAL NSH
Total/NA	Analysis	8260B		5	5 mL	5 mL	260093	06/27/15 19:48	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/26/15 20:51	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 14:35	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260280	06/27/15 14:45	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:18	KRB	TAL NSH
Total/NA	Analysis	353.2		2	50 mL	50 mL	259878	06/26/15 17:21	MJA	TAL NSH

**Client Sample ID: MW 4B**  
**Date Collected: 06/23/15 12:30**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-2**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 20:07	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/26/15 21:28	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 14:51	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260280	06/27/15 14:49	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:19	KRB	TAL NSH
Total/NA	Analysis	353.2		5	50 mL	50 mL	260034	06/27/15 10:55	MJA	TAL NSH

**Client Sample ID: MW 6**  
**Date Collected: 06/23/15 15:15**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-3**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 22:23	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/26/15 22:06	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 14:53	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260280	06/27/15 14:54	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		5	20 mL	20 mL	260659	06/29/15 10:33	KRB	TAL NSH
Total/NA	Analysis	353.2		5	50 mL	50 mL	259878	06/26/15 17:25	MJA	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 8A**  
**Date Collected: 06/23/15 16:25**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-4**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 20:34	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/26/15 22:43	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 14:56	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260280	06/27/15 14:58	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:26	KRB	TAL NSH
Total/NA	Analysis	353.2		5	50 mL	50 mL	259878	06/26/15 17:26	MJA	TAL NSH

**Client Sample ID: MW 8B**  
**Date Collected: 06/23/15 15:45**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-5**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 21:01	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/26/15 23:20	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 14:58	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260280	06/27/15 15:02	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:27	KRB	TAL NSH
Total/NA	Analysis	353.2		2	50 mL	50 mL	259878	06/26/15 17:27	MJA	TAL NSH

**Client Sample ID: MW 9**  
**Date Collected: 06/23/15 13:00**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-6**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 22:50	JJR	TAL NSH
Total/NA	Analysis	8260B		5	5 mL	5 mL	260093	06/27/15 20:15	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/26/15 23:57	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 15:00	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260688	06/29/15 17:08	LEG	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260280	06/27/15 15:16	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:28	KRB	TAL NSH
Total/NA	Analysis	353.2		2	50 mL	50 mL	259878	06/26/15 17:28	MJA	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 10**  
**Date Collected: 06/23/15 14:20**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-7**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 23:17	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/27/15 00:35	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 15:03	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260688	06/29/15 17:12	LEG	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259913	06/26/15 18:20	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260280	06/27/15 15:20	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:29	KRB	TAL NSH
Total/NA	Analysis	353.2		2	50 mL	50 mL	259878	06/26/15 17:29	MJA	TAL NSH

**Client Sample ID: MW 11**  
**Date Collected: 06/23/15 14:00**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-8**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 21:29	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/27/15 01:12	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 15:05	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259880	06/26/15 17:37	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260363	06/28/15 18:38	LEG	TAL NSH
Total/NA	Prep	351.2			1 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	1 mL	20 mL	260659	06/29/15 10:30	KRB	TAL NSH
Total/NA	Analysis	353.2		2	50 mL	50 mL	259878	06/26/15 17:29	MJA	TAL NSH

**Client Sample ID: MW 12**  
**Date Collected: 06/23/15 12:14**  
**Date Received: 06/25/15 08:30**

**Lab Sample ID: 490-81391-9**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 21:56	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/27/15 04:19	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 15:08	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259880	06/26/15 17:37	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260363	06/28/15 19:08	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:31	KRB	TAL NSH
Total/NA	Analysis	353.2		2	50 mL	50 mL	259878	06/26/15 17:30	MJA	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

**Client Sample ID: MW 13**

Date Collected: 06/23/15 13:10  
Date Received: 06/25/15 08:30

**Lab Sample ID: 490-81391-10**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/26/15 23:45	JJR	TAL NSH
Total/NA	Analysis	8260B		5	5 mL	5 mL	260093	06/27/15 20:42	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/27/15 03:41	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 15:50	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259880	06/26/15 17:37	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260363	06/28/15 19:12	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260293	06/28/15 17:50	LDT	TAL NSH
Total/NA	Analysis	351.2		1	20 mL	20 mL	260659	06/29/15 10:32	KRB	TAL NSH
Total/NA	Analysis	353.2		5	50 mL	50 mL	259878	06/26/15 17:31	MJA	TAL NSH

**Client Sample ID: HW 3**

Date Collected: 06/23/15 14:50  
Date Received: 06/25/15 08:30

**Lab Sample ID: 490-81391-11**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	259617	06/27/15 00:12	JJR	TAL NSH
Total/NA	Analysis	8260B		5	5 mL	5 mL	260093	06/27/15 21:09	JJR	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	259628	06/27/15 01:50	BK	TAL NSH
Total/NA	Analysis	RSK-175		1	21 mL	21 mL	260087	06/27/15 15:53	JML	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	259880	06/26/15 17:37	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	260363	06/28/15 19:16	LEG	TAL NSH
Total/NA	Prep	351.2			20 mL	20 mL	260178	06/27/15 16:41	LDT	TAL NSH
Total/NA	Analysis	351.2		5	20 mL	20 mL	260489	06/28/15 10:07	KRB	TAL NSH
Total/NA	Analysis	353.2		5	50 mL	50 mL	259846	06/26/15 15:46	MJA	TAL NSH

**Laboratory References:**

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TestAmerica Nashville

## Method Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-  
SDG: 2400 Pleasantville Road, Fallston, MD

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015C	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	SW846	TAL NSH
RSK-175	Dissolved Gases (GC)	RSK	TAL NSH
6010B	Metals (ICP)	SW846	TAL NSH
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL NSH
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL NSH

### Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Certification Summary

Client: AECOM  
Project/Site: 22281.Fallston.EL

TestAmerica Job ID: 490-81391-1  
SDG: 2400 Pleasantville Road, Fallston, MD

### Laboratory: TestAmerica Nashville

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Maryland	State Program	3	316	03-31-16

1

2

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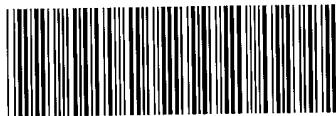
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12

13

TestAmerica Nashville

## COOLER RECEIPT FORM



490-81391 Chain of Custody

Cooler Received/Opened On 6/25/2015 @ 0830

1. Tracking # 6396 (last 4 digits, FedEx)Courier: FedEx IR Gun ID 946602202. Temperature of rep. sample or temp blank when opened: 1.7 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES  NO  NA4. Were custody seals on outside of cooler?  YES...NO...NAIf yes, how many and where: (1)Front5. Were the seals intact, signed, and dated correctly?  YES...NO...NA6. Were custody papers inside cooler?  YES...NO...NAI certify that I opened the cooler and answered questions 1-6 (initial) MJM7. Were custody seals on containers: YES  NO  and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES  NO  If multiple coolers, sequence # MDMI certify that I unloaded the cooler and answered questions 7-14 (initial) MDM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) MDM

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) MDMI certify that I attached a label with the unique LIMS number to each container (initial) MDM21. Were there Non-Conformance issues at login? YES  NO Was a NCM generated? YES  NO #

## Chain of Custody Record

Loc: 490  
81391TestAmerica  
THE LEADER IN ENVIRONMENTAL TESTING

COC No: 490-37595-12121.1

Page: 1 of 1

Client Information	Sample #	Lab P/M:
Client Contact:	Parsons	Salomon, Sherry
Mrs. Rachael Allen	E-Mail:	sherry.salomon@testamericainc.com
Company: AECOM		

Address: 8000 Virginia Manor Road Suite 110

City: Beltsville

State, ZIP: MD, 20705

Phone: 301-289-3802(Tel) 301-289-3901(Fax)

Email: Rachael.Allen@aecom.com

Project Name: 22281,Fallston,EL

Site: 2400 Pleasantville Road, Fallston, MD

Sample Identification

Due Date Requested:

TA Requested (date):

PO #: Purchase Order Requested

WO #: WO231272

Project #: 49008398 (ENFOS)

ENFOS PROJECT #: 102324-FPPS

Analysis Requested

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8260B - Standard 8260 List + Oxygenates

8015C\_GRO - Standard GRO Range (C6-C10)

RSK\_176 - Methane

6010B - Iron and Sulfur

351.2 - Kjeldahl Nitrogen as N

353.2 - Nitrate Nitrite as N

8M4600\_G=G=Oxygen; Dissolved

Preservation Codes:

A - HCl

B - NaOH

C - Zn Acetate

D - Nitric Acid

E - NaHSO4

F - MeOH

G - Ammonia

H - Ascorbic Acid

I - Ice

J - DI Water

V - MeCA

W - pH 4-5

Z - other (specify)

Other:

Special Instructions/Note:

Total Number of containers

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

 Return To Client  Disposal By Lab  Archive For Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:

Reinstituted by:

Deliverable Requested: I, II, III, IV, Other (specify)

Date: Time: Method of Shipment:

Received by: Received Date/Time: Received by: Received Date/Time:

Custody Seals Intact: Yes Seal No: □ No

## Login Sample Receipt Checklist

Client: AECOM

Job Number: 490-81391-1

SDG Number: 2400 Pleasantville Road, Fallston, MD

**Login Number:** 81391

**List Source:** TestAmerica Nashville

**List Number:** 1

**Creator:** McBride, Mike

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

**ATTACHMENT B**

**Laboratory Analytical Results (On-Site Potable Well)**

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #: 101376 Account #: 3705  
Reference: 7-Eleven Store #22281 Company: Sadler Enterprises  
Location: 2400 Pleasantville Road Requested By: Howard Sadler  
Fallston, MD 21047 Source: Well Water  
Date/ Time Collected: 6/17/2015 1245 Site: Hand Sink in Back Room  
Date/Time Rec'd: 6/17/2015 1520 Treatment: \*  
Chlorine ppm: Free: ND Total: ND pH: 5.8  
Collected By: B. Dutterer 4717BD Well #: HA-73-6355

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH

### NOTES

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 pH & chlorine tested on site
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND:None Detected
- 5 Visual well check: Sealed, vented cap
- 6 \*Carbon Tanks/ UV Light/ Sediment Filter, after Soda Ash Injector

Reason for Test : HaCHD

Date Reported: 6/19/2015

Reviewed By:



# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. • Westminster, MD 21158 • MD State Certification #133

(410) 848-1014 • (410) 876-4554 • FAX (410) 848-0298

## VOLATILE ORGANIC WATER ANALYSIS REPORT

<b>LAB ID #</b>	<b>101377</b>	Sadler Enterprises				
Location:		7 Eleven Store #22281 2400 Pleasantville Road Fallston, MD 21047	Account #	3705		
Date & Time Collected:	06/17/15	1245	Requested by	Howard Sadler		
Collected by:	B. Dutterer	4717BD	Source:	Well		
			Site:	Hand Sink in Backroom (Post Treatment)		
			Treatment:	Sample Collected After Soda Ash Injector, Carbon Tanks, Sediment Filter & UV Light		

CONTAMINANT	EPA CONT ID	MCL (PPB)	ACTUAL LEVEL	CONTAMINANT	EPA CONT ID	ACTUAL LEVEL
<b>REGULATED</b>						
Benzene	2990	5	ND	Bromobenzene	2993	ND
Carbon Tetrachloride	2982	5	ND	Bromoform	2430	ND
o-Dichlorobenzene	2968	600	ND	Bromomethane	2214	ND
p-Dichlorobenzene	2969	75	ND	n-Butylbenzene	2422	ND
1,2-Dichloroethane	2980	5	ND	Sec-butylbenzene	2428	ND
1, 1-Dichloroethene	2977	7	ND	Tert-butylbenzene	2426	ND
cis-1 ,2-Dichloroethene	2380	70	ND	Chloroethane	2216	ND
trans-1 ,2-Dichloroethene	2979	100	ND	o-Chlorotoluene	2965	ND
Dichloromethane	2964	5	ND	p-Chlorotoluene	2966	ND
1 ,2-Dichloropropane	2983	5	ND	m-Dichlorobenzene	2967	ND
Ethylbenzene	2992	700	ND	1,1 -Dichloroethane	2978	ND
Monochlorobenzene	2989	100	ND	1,3-Dichloropropane	2412	ND
Styrene	2996	100	ND	2,2-Dichloropropane	2416	ND
Tetrachloroethylene (PCE)	2987	5	ND	1,1 -Dichloropropene	2410	ND
Toluene	2991	1000	ND	cis-1,3-Dichloropropene	2413	ND
1 ,2,4-Trichlorobenzene	2378	70	ND	trans-1,3-Dichloropropene	2413	ND
1,1,l-Trichloroethane	2981	200	ND	Dichlorodifluoromethane	2212	ND
1,1,2-Trichloroethane	2985	5	ND	Hexachlorobutadiene	2246	ND
Trichloroethylene (TCE)	2984	5	ND	Isopropylbenzene	2994	ND
Vinyl Chloride	2976	2	ND	p-Isopropyltoluene	2030	ND
Xylenes (Total)	2955	10000	ND	MTBE	2251	ND
<b>TRIHALOMETHANES</b>						
Bromodichloromethane	2943		ND	Naphthalene	2248	ND
Bromoform	2942		ND	n-Propylbenzene	2998	ND
Chloroform	2941		ND	1,1,1,2-Tetrachloroethane	2986	ND
Dibromochloromethane	2944		ND	1,1,2,2-Tetrachloroethane	2988	ND
<b>ADDITIONAL COMPOUNDS</b>						
1,2-Dibromoethane (EDB)			ND	1,2,3-Trichlorobenzene	2420	ND
1,2-Dibromo-3-chloropropane			ND	Trichlorofluoromethane	2218	ND
Tert-Amyl methyl ether (TAME)			ND	1,2,3-Trichloropropane	2414	ND
Ethyl tert-butyl ether (ETBE)			ND	1,2,4-Trimethylbenzene	2418	ND
Diisopropyl ether (DIPE)			ND	1,3,5-Trimethylbenzene	2424	ND
Tert-Amyl Ethyl ether (TAEE)			ND	m, p-xylene	2995	ND
Tert-Butyl Alcohol (TBA )			ND	o-xylene	2997	ND
Dibromomethane			ND			
Chloromethane			ND			

### NOTES:

- 1) MCL: Maximum Contaminant Level
- 2) Detection limits: 0.50 PPB except for tert Butyl Alcohol: 5.0 PPB
- 3) ND: None Detected
- 4) PPB: Parts Per Billion (micrograms per liter)
- 5) Sub-contracted to Lab #128, method EPA 524.2, Date Analyzed: 06/23/15, Tech: CPK

Date Reported: 06/30/15

Reviewed by: Bud Dutterer

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #: 101378 Account #: 3705  
Reference: 7-Eleven Store #22281 Company: Sadler Enterprises  
Location: 2400 Pleasantville Road Requested By: Howard Sadler  
Fallston, MD 21047 Source: Well Water  
Date/ Time Collected: 6/17/2015 1255 Site: Mid Treatment Tap #2  
Date/Time Rec'd: 6/17/2015 1520 Treatment: \*  
Chlorine ppm: Free: ND Total: ND pH: 5.9  
Collected By: B. Dutterer 4717BD Well #: HA-73-6355

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH

### NOTES

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 pH & chlorine tested on site
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND = None Detected
- 5 Visual well check: Sealed, vented cap
- 6 \*Collected After Soda Ash Injector/1st & 2nd Carbon Tank, prior to UV Light/ Sed. Filter/ 3rd Carbon

Reason for Test : HaCHD

Date Reported: 6/19/2015 Reviewed By: Bud Dutterer

**FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.**  
 1413 Old Taneytown Rd. • Westminster, MD 21158 • MD State Certification #133  
 (410) 848-1014 • (410) 876-4554 • FAX (410) 848-0298

**VOLATILE ORGANIC WATER ANALYSIS REPORT**

<b>LAB ID #</b>	<b>101379</b>	Sadler Enterprises				
Location:		7 Eleven Store #22281 2400 Pleasantville Road Fallston, MD 21074	Account #	3705		
Date & Time Collected:	06/17/15	1255	Requested by	Howard Sadler		
Collected by:	B. Dutterer	4717BD	Source:	Well		
			Site:	Mid Treatment Tap #2		
			Treatment:	Sample Collected After Soda Ash Injector & 2 Carbon Tanks, but prior to 3 <sup>rd</sup> Carbon Tank, Sediment Filter & UV Light		

CONTAMINANT	EPA CONT ID	MCL (PPB)	ACTUAL LEVEL	CONTAMINANT	EPA CONT ID	ACTUAL LEVEL
<b>REGULATED</b>						
Benzene	2990	5	ND	Bromobenzene	2993	ND
Carbon Tetrachloride	2982	5	ND	Bromo-chloromethane	2430	ND
o-Dichlorobenzene	2968	600	ND	Bromomethane	2214	ND
p-Dichlorobenzene	2969	75	ND	n-Butylbenzene	2422	ND
1,2-Dichloroethane	2980	5	ND	Sec-butylbenzene	2428	ND
1, 1-Dichloroethene	2977	7	ND	Tert-butylbenzene	2426	ND
cis-1 ,2-Dichloroethene	2380	70	ND	Chloroethane	2216	ND
trans-1 ,2-Dichloroethene	2979	100	ND	o-Chlorotoluene	2965	ND
Dichloromethane	2964	5	ND	p-Chlorotoluene	2966	ND
1 ,2-Dichloropropane	2983	5	ND	m-Dichlorobenzene	2967	ND
Ethylbenzene	2992	700	ND	1,1 -Dichloroethane	2978	ND
Monochlorobenzene	2989	100	ND	1,3-Dichloropropane	2412	ND
Styrene	2996	100	ND	2,2-Dichloropropane	2416	ND
Tetrachloroethylene (PCE)	2987	5	ND	1,1 -Dichloropropene	2410	ND
Toluene	2991	1000	ND	cis-1,3-Dichloropropene	2413	ND
1 ,2,4-Trichlorobenzene	2378	70	ND	trans-1,3-Dichloropropene	2413	ND
1,1,1-Trichloroethane	2981	200	ND	Dichlorodifluoromethane	2212	ND
1,1,2-Trichloroethane	2985	5	ND	Hexachlorobutadiene	2246	ND
Trichloroethylene (TCE)	2984	5	ND	Isopropylbenzene	2994	ND
Vinyl Chloride	2976	2	ND	p-Isopropyltoluene	2030	ND
Xylenes (Total)	2955	10000	ND	MTBE	2251	ND
<b>TRIHALOMETHANES</b>						
Bromodichloromethane	2943		ND	Naphthalene	2248	ND
Bromoform	2942		ND	n-Propylbenzene	2998	ND
Chloroform	2941		ND	1,1,1,2-Tetrachloroethane	2986	ND
Dibromochloromethane	2944		ND	1,1,2,2-Tetrachloroethane	2988	ND
<b>ADDITIONAL COMPOUNDS</b>						
1,2-Dibromoethane (EDB)			ND	1,2,3-Trichlorobenzene	2420	ND
1,2-Dibromo-3-chloropropane			ND	Trichlorofluoromethane	2218	ND
Tert-Amyl methyl ether (TAME)			ND	1,2,3-Trichloropropane	2414	ND
Ethyl tert-butyl ether (ETBE)			ND	1,2,4-Trimethylbenzene	2418	ND
Diisopropyl ether (DIPE)			ND	1,3,5-Trimethylbenzene	2424	ND
Tert-Amyl Ethyl ether (TAEE)			ND	m, p-xylene	2995	ND
Tert-Butyl Alcohol (TBA )			ND	o-xylene	2997	ND
Dibromomethane			ND			
Chloromethane			ND			

**NOTES:**

- 1) MCL: Maximum Contaminant Level
- 2) Detection limits: 0.50 PPB except for tert Butyl Alcohol: 5.0 PPB
- 3) ND: None Detected
- 4) PPB: Parts Per Billion (micrograms per liter)
- 5) Sub-contracted to Lab #128, method EPA 524.2, Date Analyzed: 06/23/15, Tech: CPK

Date Reported: 06/30/15

Reviewed by: Bud Dutter

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #: 101380 Account #: 3705  
Reference: 7-Eleven Store #22281 Company: Sadler Enterprises  
Location: 2400 Pleasantville Road Requested By: Howard Sadler  
Fallston, MD 21047 Source: Well Water  
Date/ Time Collected: 6/17/2015 1300 Site: Mid Treatment Tap #1  
Date/Time Rec'd: 6/17/2015 1520 Treatment: \*  
Chlorine ppm: Free: ND Total: ND pH: 5.9  
Collected By: B. Dutterer 4717BD Well #: HA-73-6355

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH

### NOTES

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 pH & chlorine tested on site
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND = None Detected
- 5 Visual well check: Sealed, vented cap
- 6 \*Collected After Soda Ash Injector/1st Carbon Tank, prior to UV Light/ Sed. Filter/ 2nd & 3rd Carbon

Reason for Test : HaCHD

Date Reported: 6/19/2015 Reviewed By: Bud Dutterer

**FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.**

1413 Old Taneytown Rd. • Westminster, MD 21158 • MD State Certification #133

(410) 848-1014 • (410) 876-4554 • FAX (410) 848-0298

**VOLATILE ORGANIC WATER ANALYSIS REPORT**

<b>LAB ID #</b>	<b>101381</b>	Sadler Enterprises				
Location:		7 Eleven Store #22281 2400 Pleasantville Road Fallston, MD 21047	Account #	3705		
Date & Time Collected:	06/17/15	1300	Requested by	Howard Sadler		
Collected by:	B. Dutterer	4717BD	Source:	Well		
			Site:	Mid Treatment Tap #1		
			Treatment:	Sample Collected After Soda Ash Injector & 1st Carbon Tank, but prior to 2 <sup>nd</sup> & 3 <sup>rd</sup> Carbon Tank, Sediment Filter & UV Light		

CONTAMINANT	EPA CONT ID	MCL (PPB)	ACTUAL LEVEL	CONTAMINANT	EPA CONT ID	ACTUAL LEVEL
<b>REGULATED</b>						
Benzene	2990	5	ND	Bromobenzene	2993	ND
Carbon Tetrachloride	2982	5	ND	Bromoform	2430	ND
o-Dichlorobenzene	2968	600	ND	Bromomethane	2214	ND
p-Dichlorobenzene	2969	75	ND	n-Butylbenzene	2422	ND
1,2-Dichloroethane	2980	5	ND	Sec-butylbenzene	2428	ND
1, 1-Dichloroethene	2977	7	ND	Tert-butylbenzene	2426	ND
cis-1 ,2-Dichloroethene	2380	70	ND	Chloroethane	2216	ND
trans-1 ,2-Dichloroethene	2979	100	ND	o-Chlorotoluene	2965	ND
Dichloromethane	2964	5	ND	p-Chlorotoluene	2966	ND
1 ,2-Dichloropropane	2983	5	ND	m-Dichlorobenzene	2967	ND
Ethylbenzene	2992	700	ND	1,1 -Dichloroethane	2978	ND
Monochlorobenzene	2989	100	ND	1,3-Dichloropropane	2412	ND
Styrene	2996	100	ND	2,2-Dichloropropane	2416	ND
Tetrachloroethylene (PCE)	2987	5	ND	1,1 -Dichloropropene	2410	ND
Toluene	2991	1000	ND	cis-1,3-Dichloropropene	2413	ND
1 ,2,4-Trichlorobenzene	2378	70	ND	trans-1,3-Dichloropropene	2413	ND
1,1,l-Trichloroethane	2981	200	ND	Dichlorodifluoromethane	2212	ND
1,1,2-Trichloroethane	2985	5	ND	Hexachlorobutadiene	2246	ND
Trichloroethylene (TCE)	2984	5	ND	Isopropylbenzene	2994	ND
Vinyl Chloride	2976	2	ND	p-Isopropyltoluene	2030	ND
Xylenes (Total)	2955	10000	ND	MTBE	2251	ND
<b>TRIHALOMETHANES</b>						
Bromodichloromethane	2943		ND	Naphthalene	2248	ND
Bromoform	2942		ND	n-Propylbenzene	2998	ND
Chloroform	2941		ND	1,1,1,2-Tetrachloroethane	2986	ND
Dibromochloromethane	2944		ND	1,1,2,2-Tetrachloroethane	2988	ND
<b>ADDITIONAL COMPOUNDS</b>						
1,2-Dibromoethane (EDB)			ND	1,2,3-Trichlorobenzene	2420	ND
1,2-Dibromo-3-chloropropane			ND	Trichlorofluoromethane	2218	ND
Tert-Amyl methyl ether (TAME)			ND	1,2,3-Trichloropropane	2414	ND
Ethyl tert-butyl ether (ETBE)			ND	1,2,4-Trimethylbenzene	2418	ND
Diisopropyl ether (DIPE)			ND	1,3,5-Trimethylbenzene	2424	ND
Tert-Amyl Ethyl ether (TAEE)			ND	m, p-xylene	2995	ND
Tert-Butyl Alcohol (TBA )			ND	o-xylene	2997	ND
Dibromomethane			ND			
Chloromethane			ND			

**NOTES:**

- 1) MCL: Maximum Contaminant Level
- 2) Detection limits: 0.50 PPB except for tert Butyl Alcohol: 5.0 PPB
- 3) ND: None Detected
- 4) PPB: Parts Per Billion (micrograms per liter)
- 5) Sub-contracted to Lab #128, method EPA 524.2, Date Analyzed: 06/23/15, Tech: CPK

Date Reported: 06/30/15

Reviewed by: Bud Dutterer

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #: 101382 Account #: 3705  
Reference: 7-Eleven Store #22281 Company: Sadler Enterprises  
Location: 2400 Pleasantville Road Requested By: Howard Sadler  
Fallston, MD 21047 Source: Well Water  
Date/ Time Collected: 6/17/2015 1310 Site: Pre-Treatment Tap  
Date/Time Rec'd: 6/17/2015 1520 Treatment: \*  
Chlorine ppm: Free: ND Total: ND pH: 5.6  
Collected By: B. Dutterer 4717BD Well #: HA-73-6355

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/18/2015 / 1000 / CCH

### NOTES

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 pH & chlorine tested on site
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND = None Detected
- 5 Visual well check: Sealed, vented cap
- 6 \*Sample Collected Prior to Carbon Tanks/ UV Light/ Sediment Filter, after Soda Ash Injector

Reason for Test : HaCHD

Date Reported: 6/19/2015 Reviewed By: 

**FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.**

1413 Old Taneytown Rd. • Westminster, MD 21158 • MD State Certification #133

(410) 848-1014 • (410) 876-4554 • FAX (410) 848-0298

**VOLATILE ORGANIC WATER ANALYSIS REPORT**

**LAB ID #** **101383**

Sadler Enterprises

Location:	7 Eleven Store #22281 2400 Pleasantville Road Fallston, MD 21047	Account #	3705
Date & Time Collected:	06/17/15                  1310	Requested by	Howard Sadler
Collected by:	B. Dutterer                  4717BD	Source:	Well
		Site:	Pre Treatment Tap
		Treatment:	Sample collected Prior to Carbon Tanks, Sediment Filter & UV Light, but after Soda Ash Injector

CONTAMINANT	EPA CONT ID	MCL (PPB)	ACTUAL LEVEL )	CONTAMINANT	EPA CONT ID	ACTUAL LEVEL
<b>REGULATED</b>						
Benzene	2990	5	ND	Bromobenzene	2993	ND
Carbon Tetrachloride	2982	5	ND	Bromochloromethane	2430	ND
o-Dichlorobenzene	2968	600	ND	Bromomethane	2214	ND
p-Dichlorobenzene	2969	75	ND	n-Butylbenzene	2422	ND
1,2-Dichloroethane	2980	5	ND	Sec-butylbenzene	2428	ND
1, 1-Dichloroethene	2977	7	ND	Tert-butylbenzene	2426	ND
cis-1 ,2-Dichloroethene	2380	70	ND	Chloroethane	2216	ND
trans-1 ,2-Dichloroethene	2979	100	ND	o-Chlorotoluene	2965	ND
Dichloromethane	2964	5	ND	p-Chlorotoluene	2966	ND
1 ,2-Dichloropropane	2983	5	ND	m-Dichlorobenzene	2967	ND
Ethylbenzene	2992	700	ND	1,1 -Dichloroethane	2978	ND
Monochlorobenzene	2989	100	ND	1,3-Dichloropropane	2412	ND
Styrene	2996	100	ND	2,2-Dichloropropane	2416	ND
Tetrachloroethylene (PCE)	2987	5	ND	1,1 -Dichloropropene	2410	ND
Toluene	2991	1000	ND	cis-1,3-Dichloropropene	2413	ND
1 ,2,4-Trichlorobenzene	2378	70	ND	trans-1,3-Dichloropropene	2413	ND
1,1,1-Trichloroethane	2981	200	ND	Dichlorodifluoromethane	2212	ND
1,1,2-Trichloroethane	2985	5	ND	Hexachlorobutadiene	2246	ND
Trichloroethylene (TCE)	2984	5	ND	Isopropylbenzene	2994	ND
Vinyl Chloride	2976	2	ND	p-Isopropyltoluene	2030	ND
Xylenes (Total)	2955	10000	ND	MTBE	2251	ND
<b>TRIHALOMETHANES</b>						
Bromodichloromethane	2943		ND	Naphthalene	2248	ND
Bromoform	2942		ND	n-Propylbenzene	2998	ND
Chloroform	2941		ND	1,1,1,2-Tetrachloroethane	2986	ND
Dibromochloromethane	2944		ND	1,1,2,2-Tetrachloroethane	2988	ND
<b>ADDITIONAL COMPOUNDS</b>						
1,2-Dibromoethane (EDB)			ND	1,2,3-Trichlorobenzene	2420	ND
1,2-Dibromo-3-chloropropane			ND	Trichlorofluoromethane	2218	ND
Tert-Amyl methyl ether (TAME)			ND	1,2,3-Trichloropropane	2414	ND
Ethyl tert-butyl ether (ETBE)			ND	1,2,4-Trimethylbenzene	2418	ND
Diisopropyl ether (DIPE)			ND	1,3,5-Trimethylbenzene	2424	ND
Tert-Amyl Ethyl ether (TAEE)			ND	m, p-xylene	2995	ND
Tert-Butyl Alcohol (TBA )			ND	o-xylene	2997	ND
Dibromomethane			ND			
Chloromethane			ND			

**NOTES:**

1. MCL: Maximum Contaminant Level
2. Detection limits: 0.50 PPB except for tert Butyl Alcohol: 5.0 PPB
3. ND: None Detected
4. PPB: Parts Per Billion (micrograms per liter)
5. Sub-contracted to Lab #128, method EPA 524.2, Date Analyzed: 06/23/15, Tech: CPK

Date Reported: 06/30/15

Reviewed by: B. Dutterer

COPY OF WORK TICKET FOR SCHEDULED WORK

**PM Work Ticket**  
**PM Tracking #:** 53703276

**Client:** 7 Eleven Store #22281  
**Service Address:** 2400 Pleasantville Rd.  
Falksburg, MD. 21047

## Bacteria MPN + VOC from 4 Ports Quarterly

Please perform work scope as requested. Technician must check in and out using the FM telephony system. If you cannot service the location for any reason, please contact FM immediately at 888-928-3276.

- 3-3276.

  - Call FM if additional work outside of the PM has been found by the tech, or has been requested by the location.
  - Do not discuss billing or leave invoice at the store
  - Input your time in & out in the space provided (use multiple sheets if necessary) – Store must initial each date
  - Obtain a Manager's signature and store stamp prior to billing (this sheet must accompany your invoice)

6/17/15	Beg. Collecting Samples, @ 1234.  End @ 1315.  Water Sampling.
---------	---

Authorised Signatory:

卷之三

**Name** (please print). .

### Taching's Signature

Date 6-17-15  
Title 6-17-15(OWNER)

Date: 6/17/15

**Please note:**

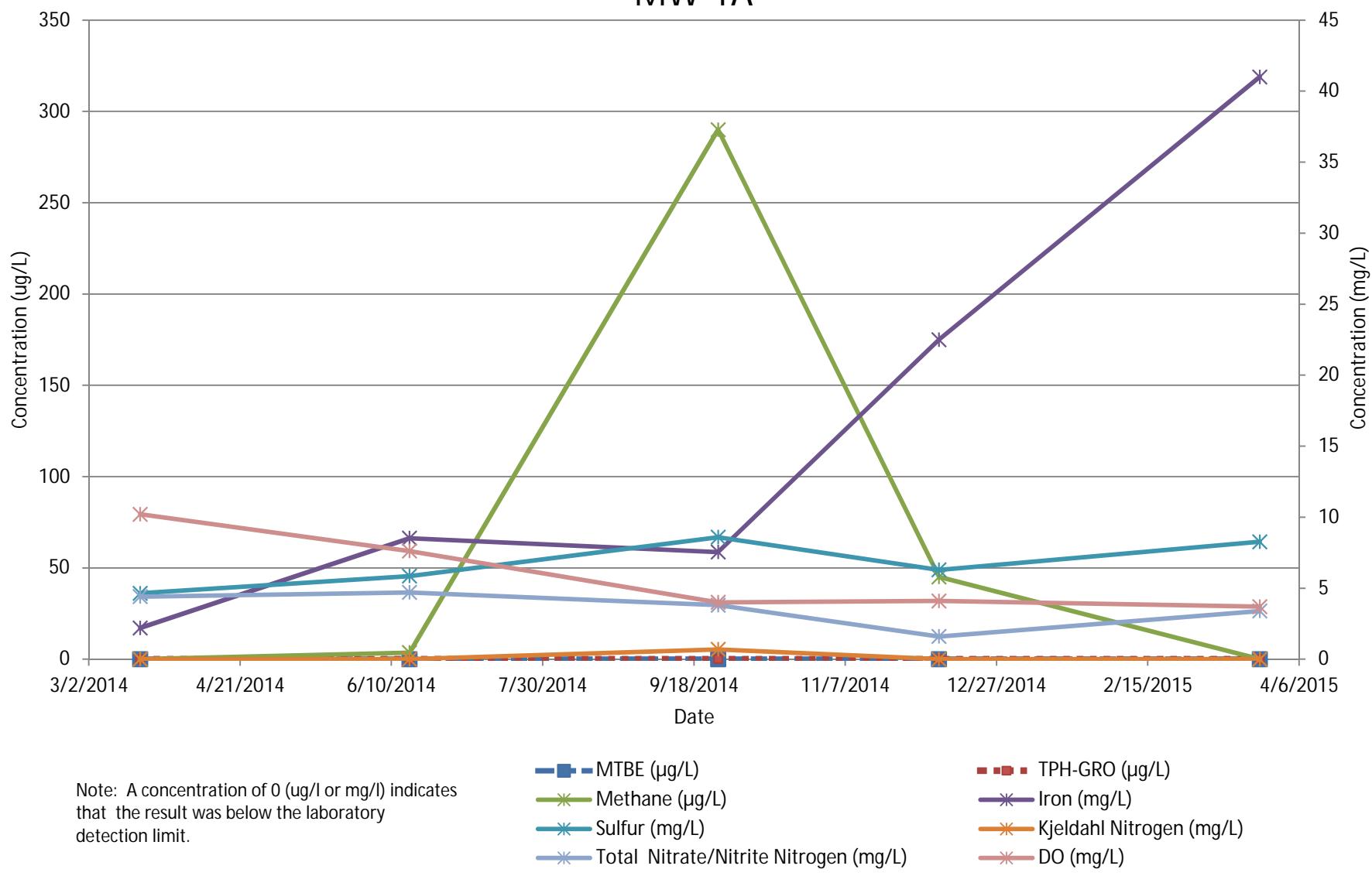
**It is imperative for Service Providers and their representatives to complete this FM work ticket in its entirety to avoid invoice rejection.**

## **ATTACHMENT C**

### **Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graphs**

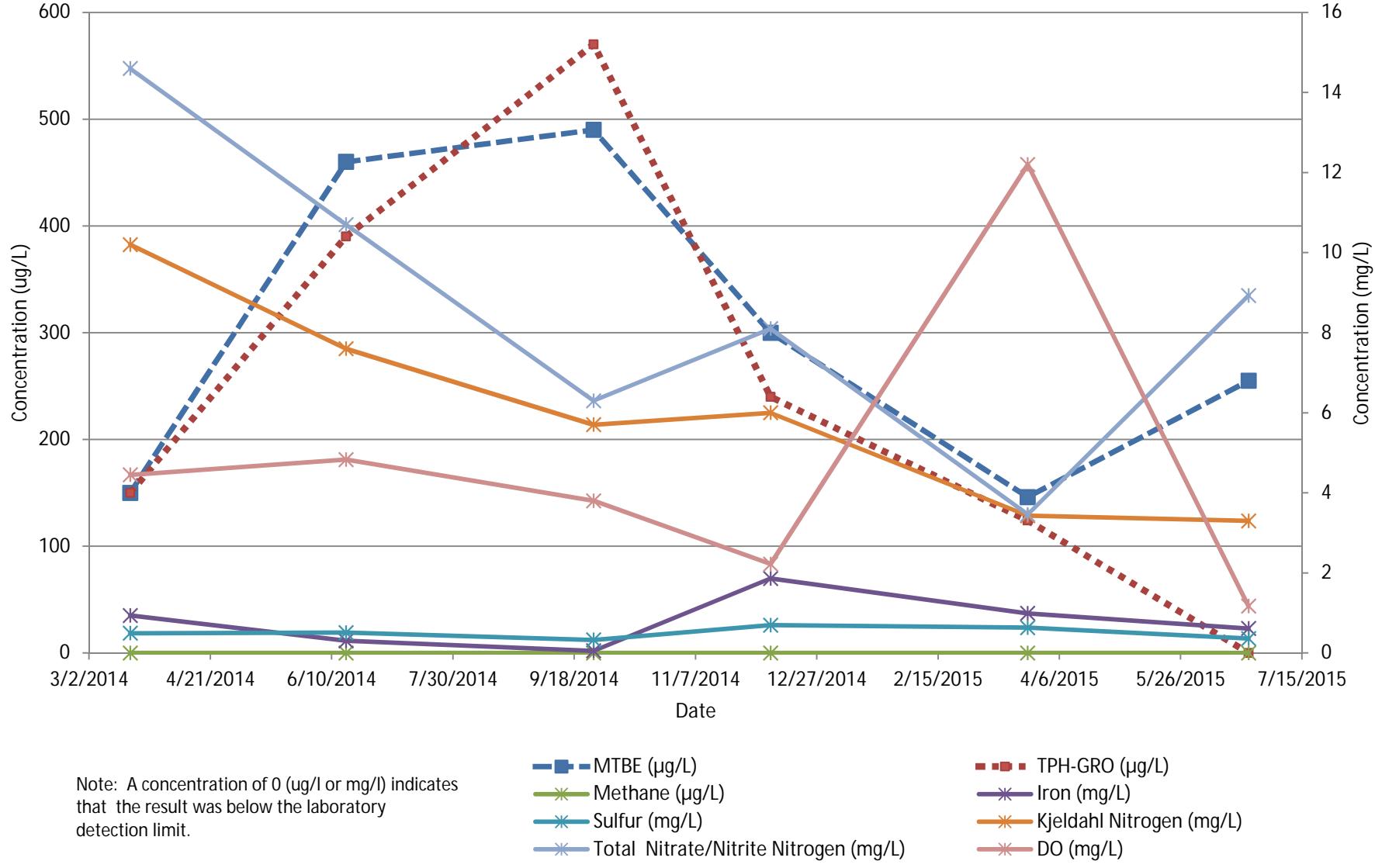
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-1A



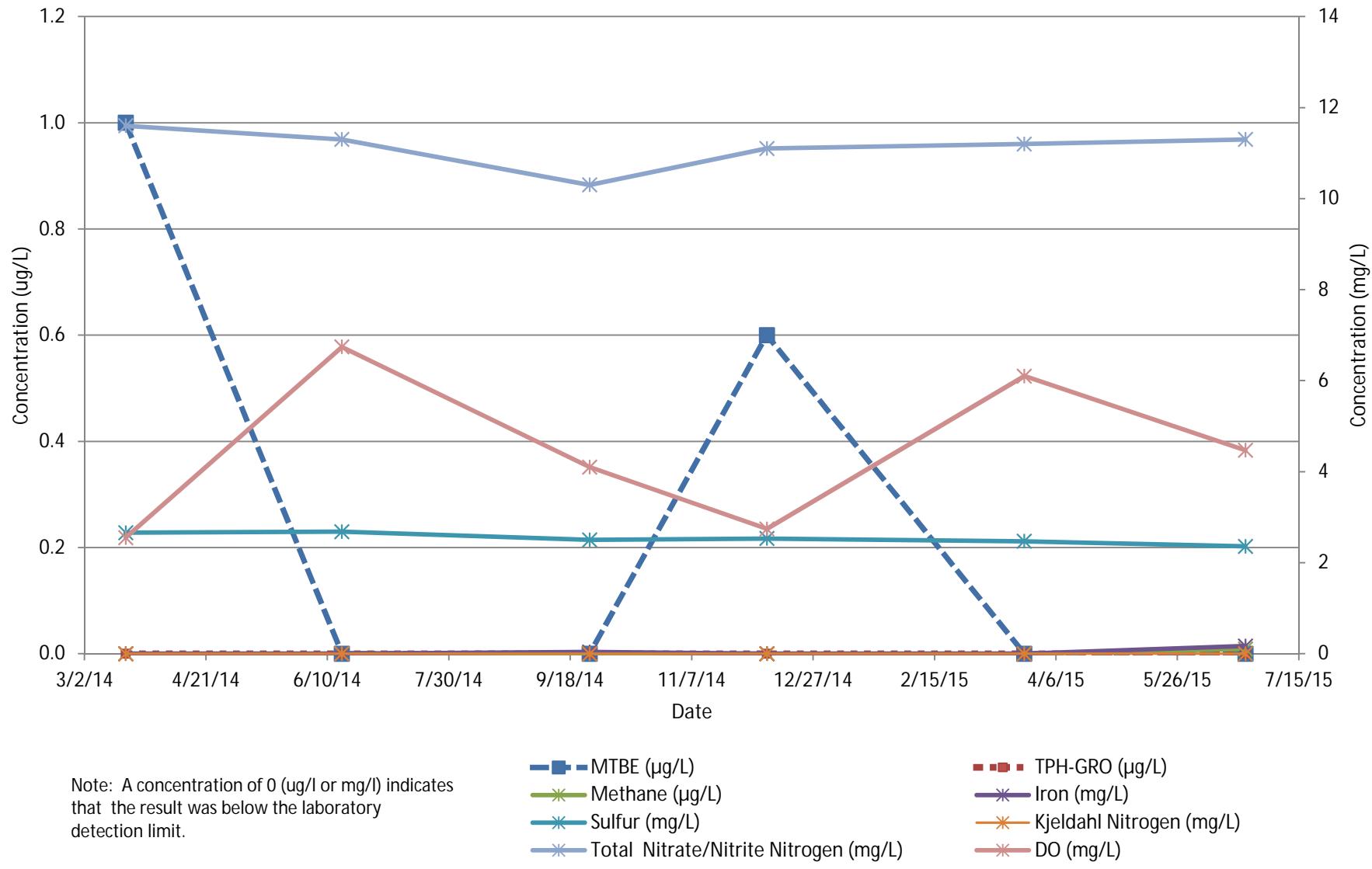
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-4A



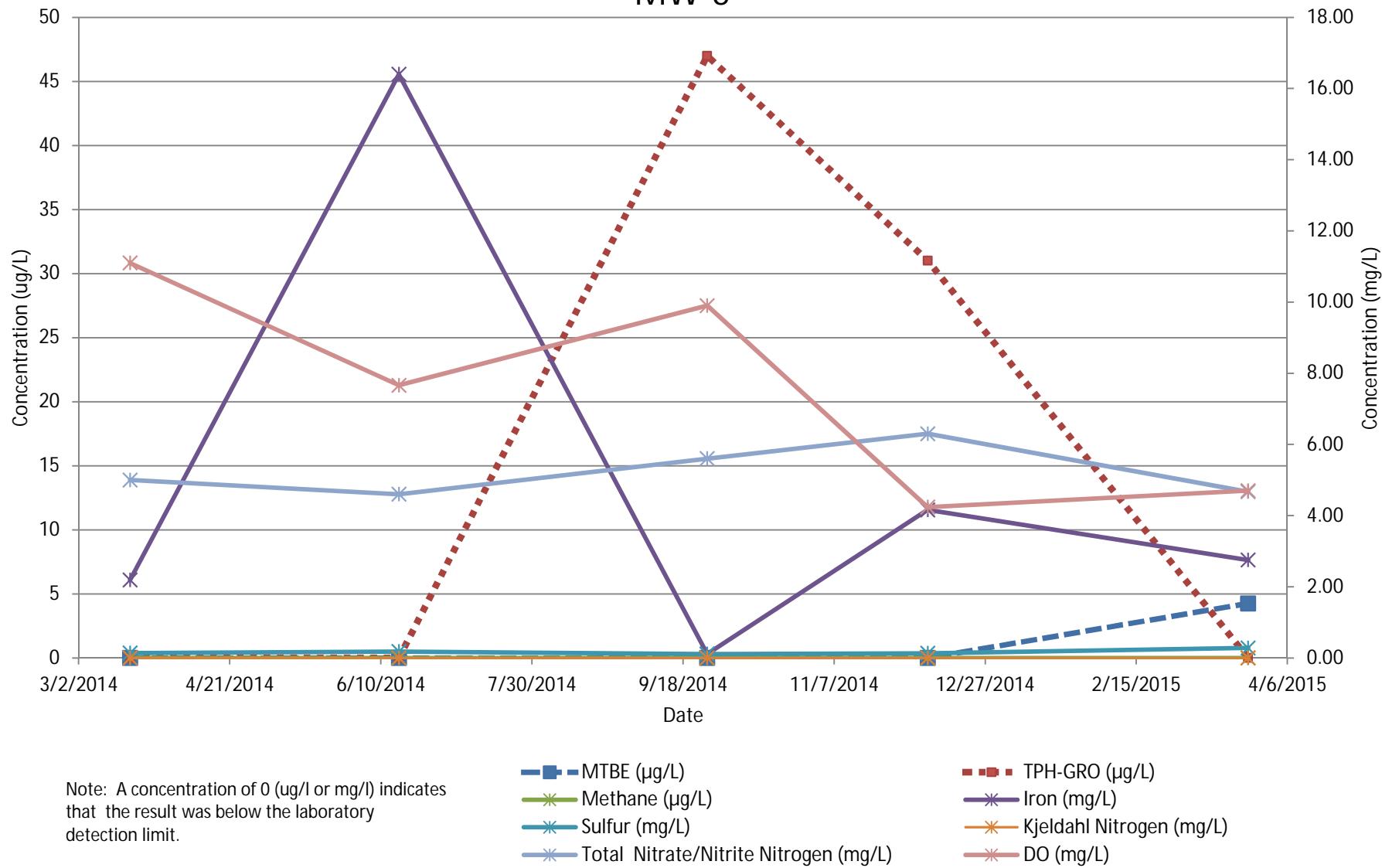
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-4B



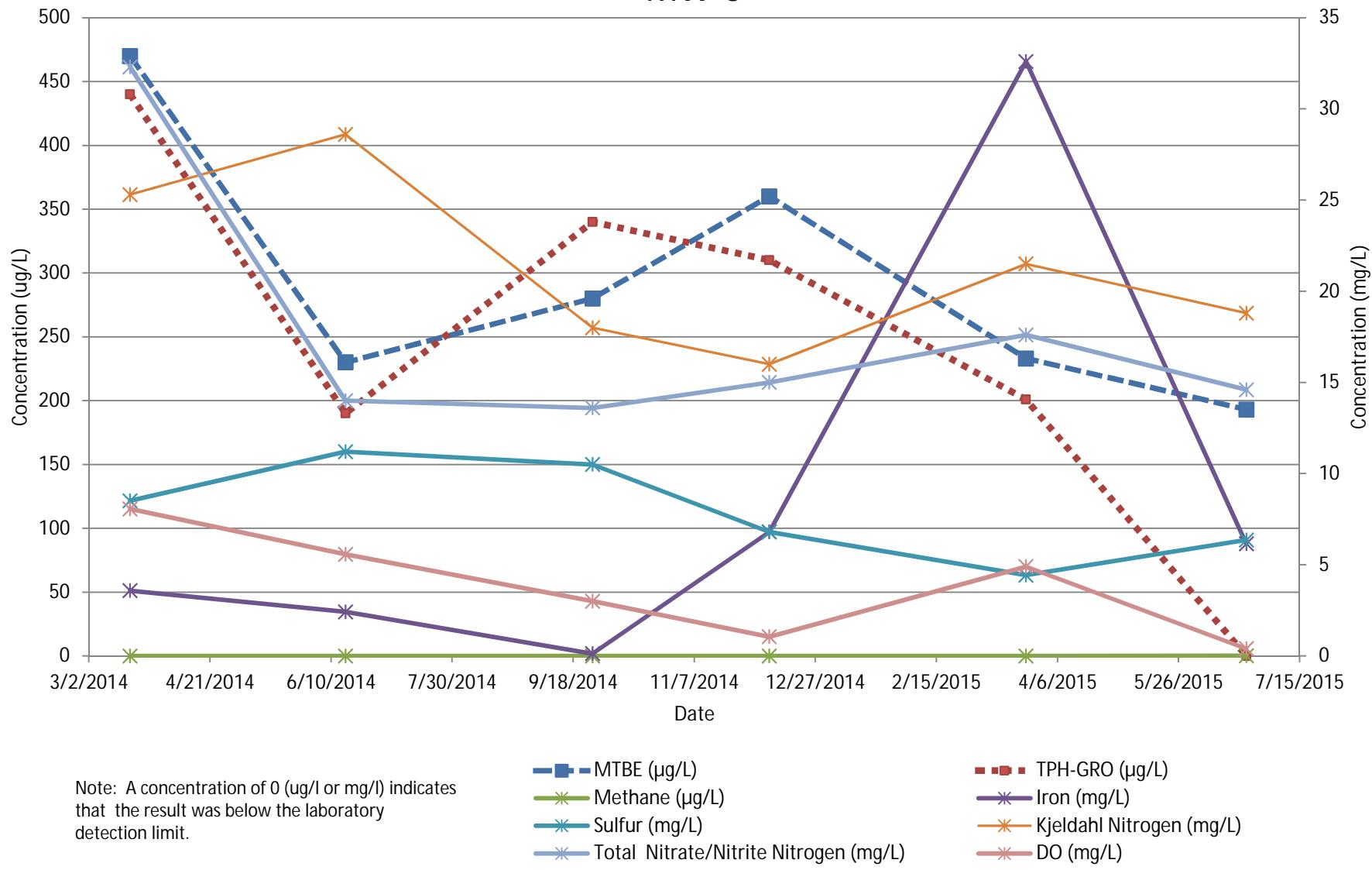
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-5



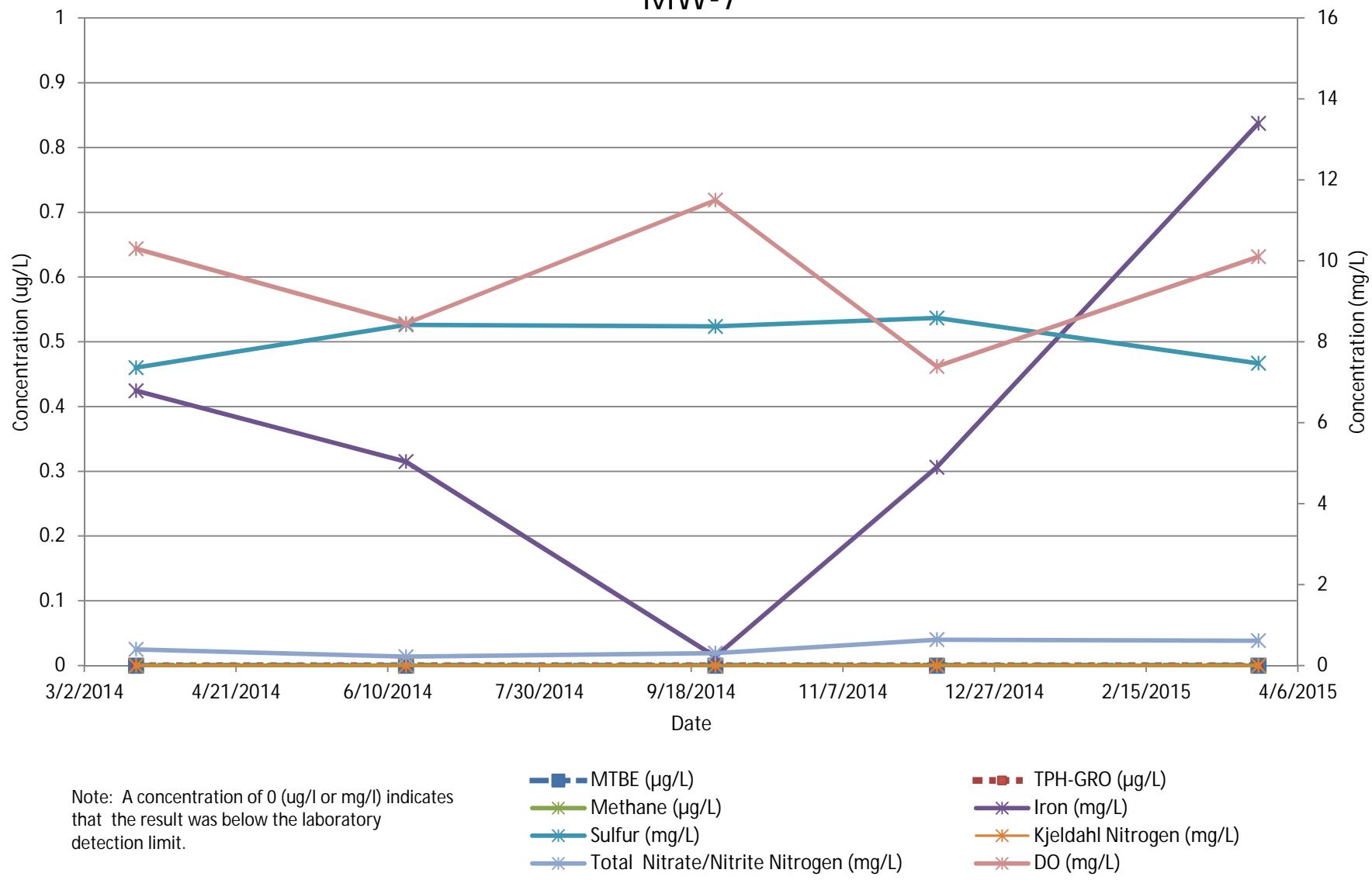
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-6



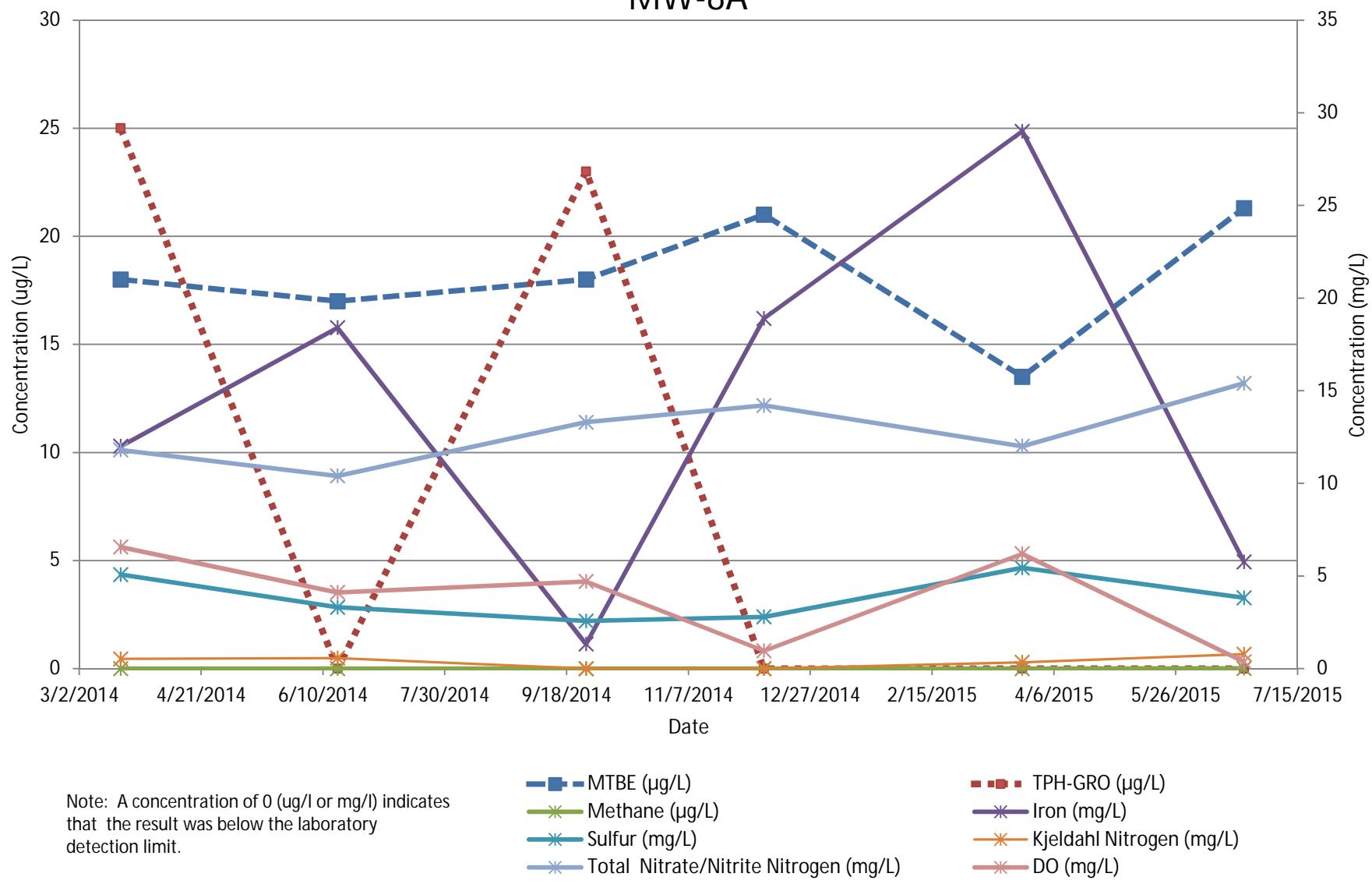
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-7



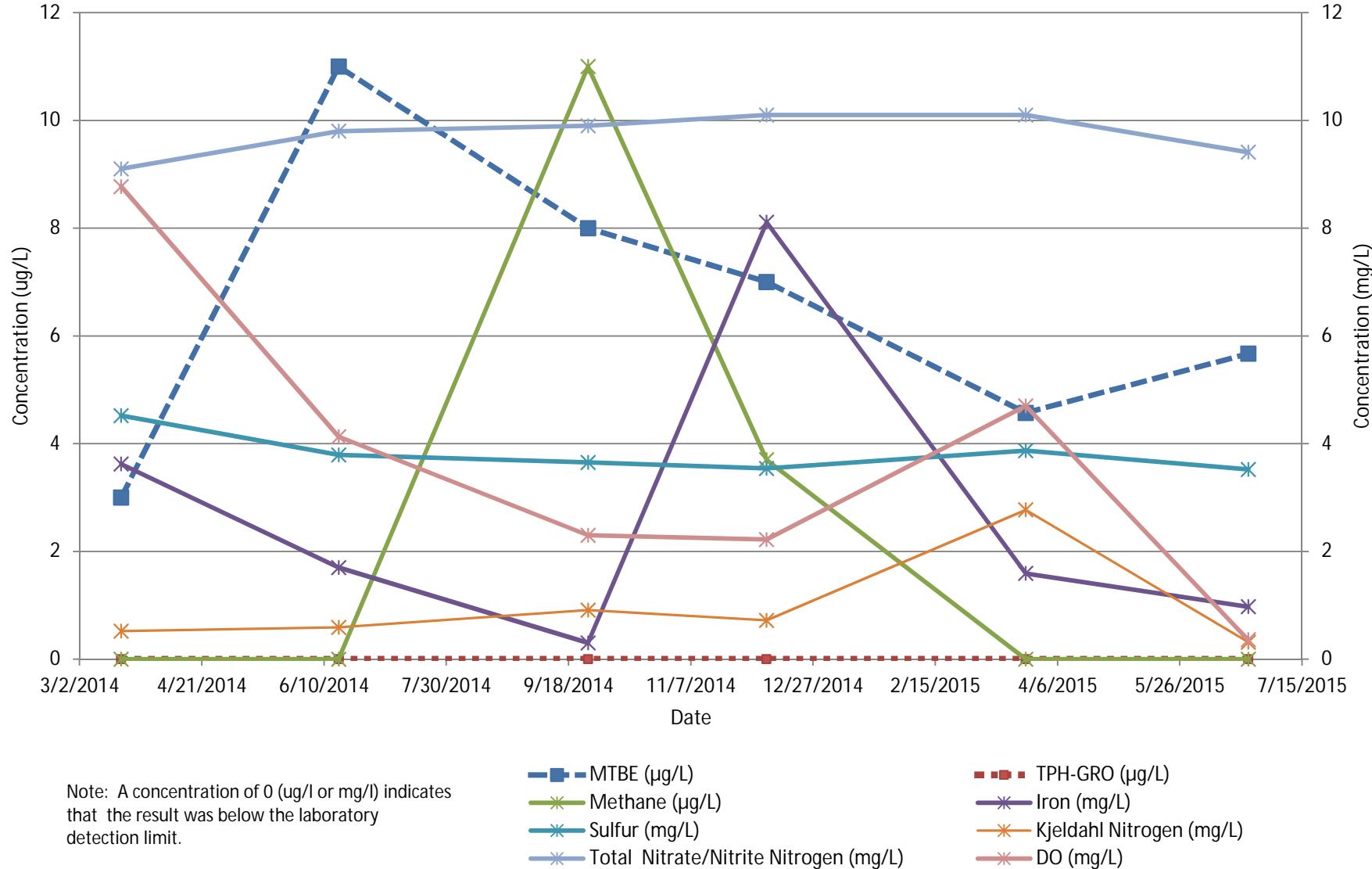
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-8A



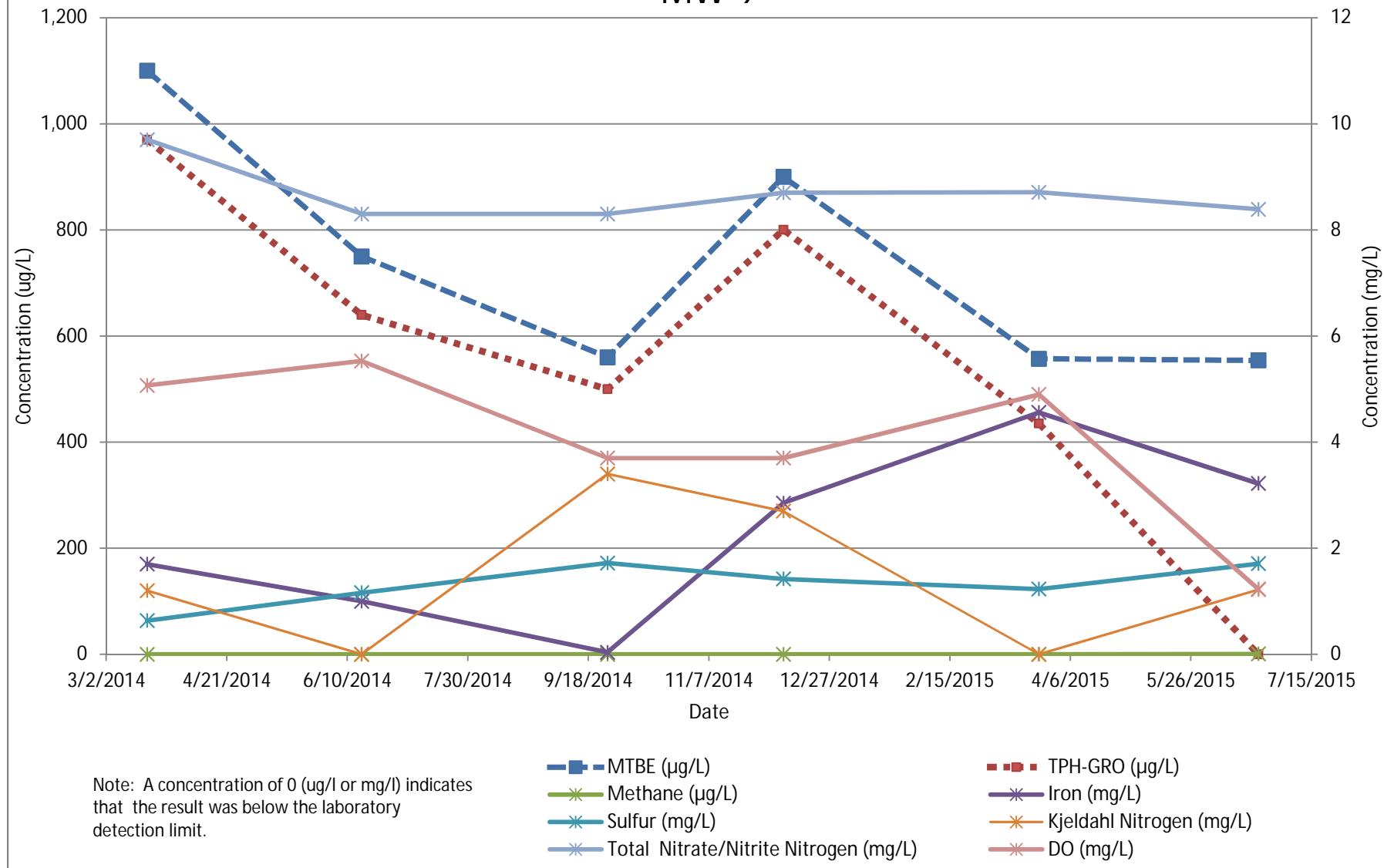
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-8B



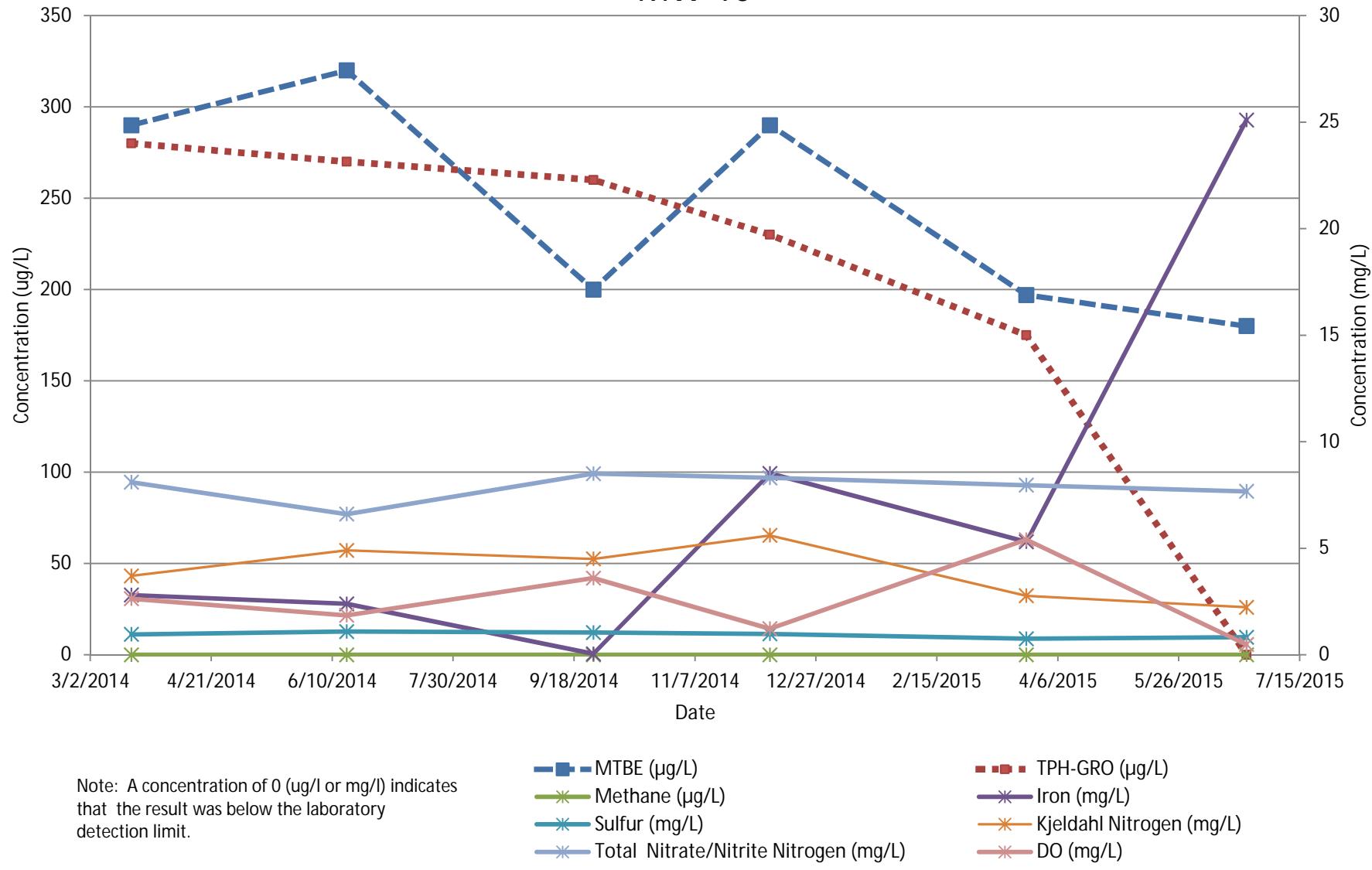
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-9



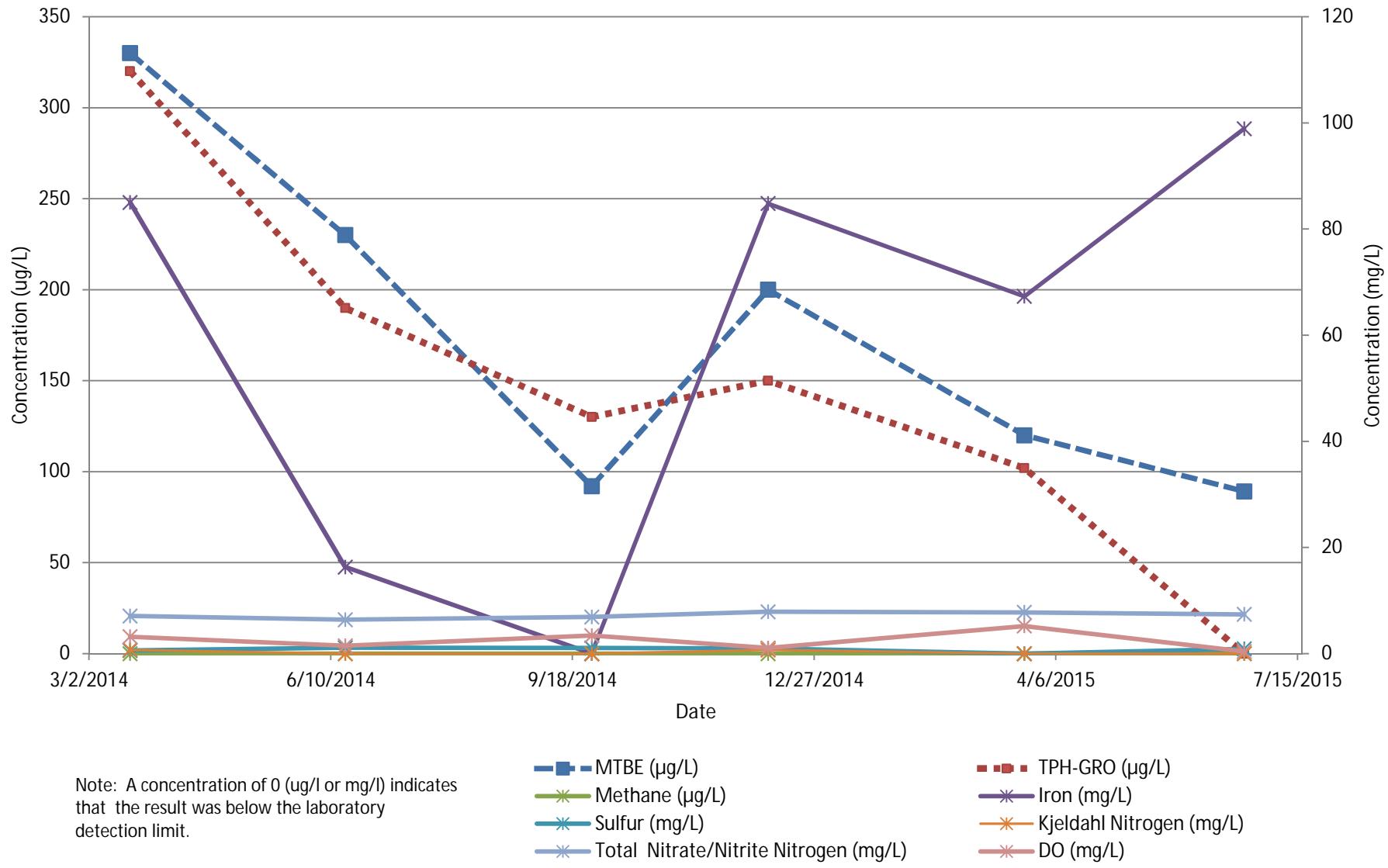
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-10



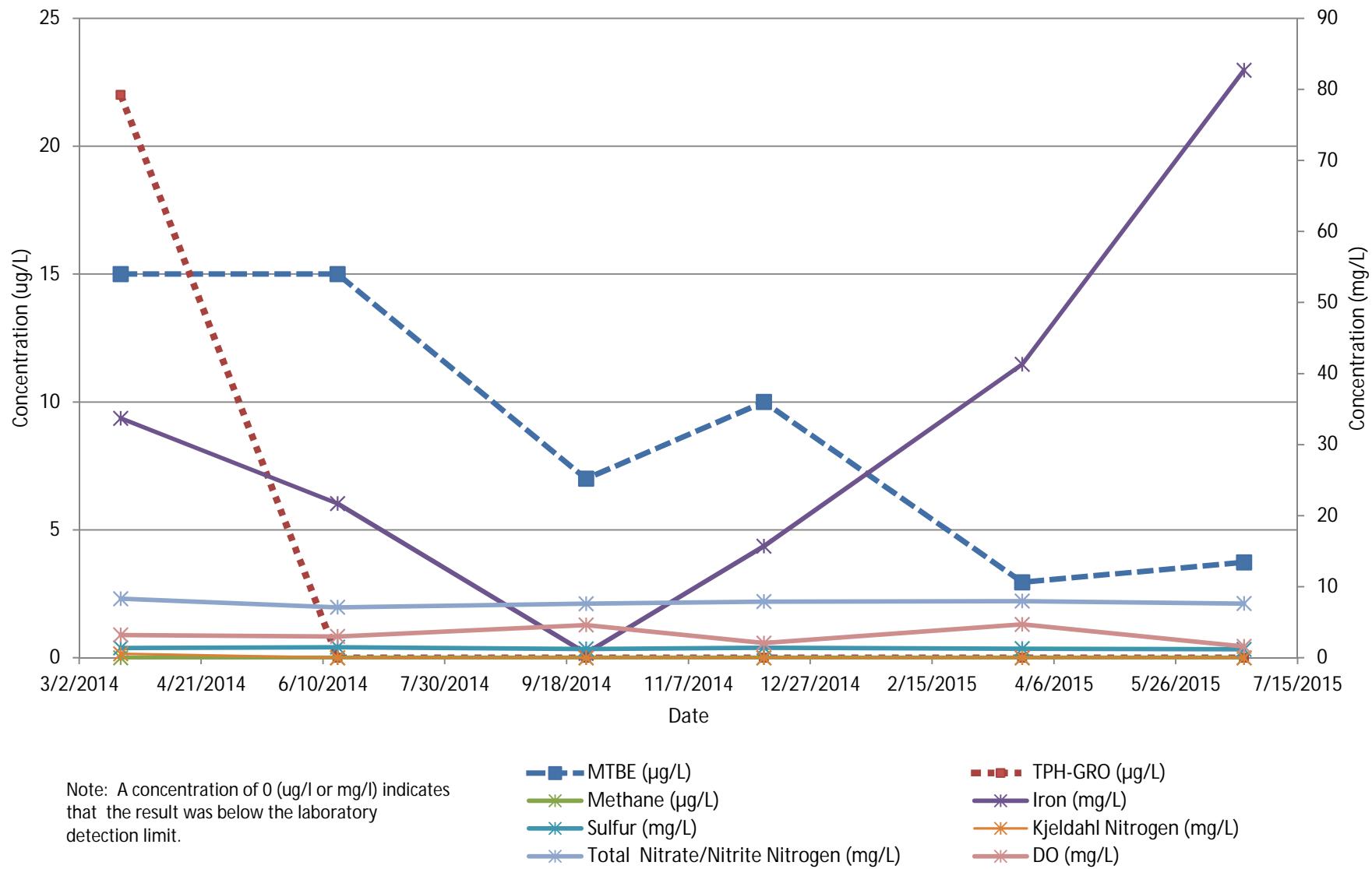
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-11



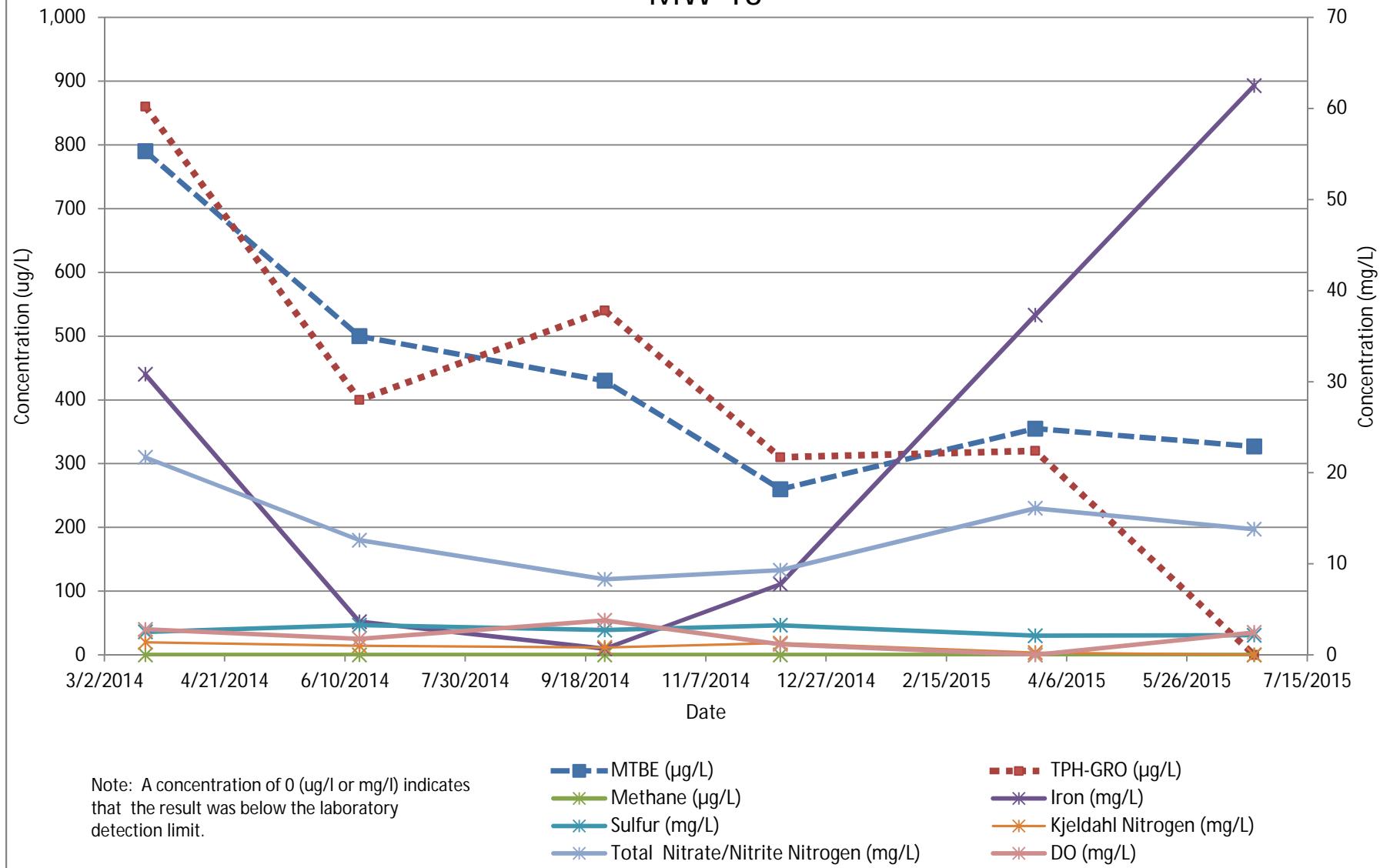
# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-12



# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## MW-13



# Natural Attenuation Parameters and Dissolved Hydrocarbon Concentrations Trend Graph

## HW-3

